



6

Planning Commission Study Session

TO: PLANNING COMMISSION / DESIGN REVIEW BOARD

FROM: JOSH ROGERS, PLANNER II *JR*
(480) 503-6589, JOSH.ROGERS@GILBERTAZ.GOV

THROUGH: CATHERINE LORBEER, AICP, PRINCIPAL PLANNER *ajl*
(480) 503-6016, CATHERINE.LORBEER@GILBERTAZ.GOV

MEETING DATE: NOVEMBER 6, 2019

SUBJECT: DR19-141, MCDONALDS – MORRISON RANCH

STRATEGIC INITIATIVE: Prosperous Community

To allow for development on a vacant pad within an approved commercial center.

REQUEST

DR19-141, McDonalds-Morrison Ranch site plan, landscape, grading and drainage, elevations, floor plans, lighting, colors and materials for approximately 1.05 acres, generally located at the northeast corner of Higley Road and Morrison Ranch Parkway and zoned Shopping Center (SC) with a Planned Area Development (PAD) overlay.

RECOMMENDED MOTION

Request for input only. No motion required.

APPLICANT

Company: Withey Morris PLC
 Name: G. Adam Baugh
 Address: 2525 E. Arizona Biltmore Circle
 Phoenix, AZ 85016
 Phone: 602-230-0600
 Email: adam@witheymorris.com

OWNER

Company: Pathfinder 501 LLC
 Address: 21 E. 6th St., Suite 706
 Tempe, AZ 85281
 Phone: 480-305-1950
 Email: patrick@rrs-co.com

BACKGROUND/DISCUSSION**History**

Date	Description
<i>November 3, 1998</i>	Town Council approved Morrison Ranch PAD (Ord. No. 1129).
<i>November 16, 1999</i>	Town Council approved an amendment to the Morrison Ranch PAD (Ord. No. 1232).
<i>August 15, 2002</i>	Design Review Boards approved DR02-27, master site plan for the Lakeview Village

Overview

Preliminary evaluation of the site plan, grading and drainage, architecture, landscaping, elevations, and lighting for a 5,332 sq.ft. fast food outlet with a drive through facility on Parcel 5 (1.05 acres) within the existing 22-acre Lakeview Village master planned shopping center.

Surrounding Land Use & Zoning Designations:

	Existing Land Use Classification	Existing Zoning	Existing Use
North	Shopping Center	Shopping Center (SC) PAD	Lakeview Village - Bashas and other various commercial and retail services.
South	Shopping Center	Shopping Center (SC) PAD	Lakeview Village Parcel 6 & 7 undeveloped building pads.
East	Shopping Center	Shopping Center (SC) PAD	Lakeview Village - Various commercial and retail services
West	Residential 2-3.5 DU/Acre	Single Family-10 (SF-10) PAD	Higley Road right-of-way and then Higley Estates Residential Community
Site	Shopping Center	Shopping Center (SC) PAD	Undeveloped building pad

Project Data Table

Site Development Regulations	Required per LDC	Proposed
Maximum Building Height (ft.)/(Stories)	35'	22'-4"
Minimum Building Setback (ft.)		
Front	25'	90'
Side (Non-residential)	-	0' Internal*
Rear (Non-residential)	-	0' Internal*
Minimum Required Perimeter Landscape Area (ft.)		
Front	-	0' Internal*
Off-Street Parking and Loading	22 spaces	50 spaces

* may be reduced internal to site in conformance with LDC Section 2.304.E.

DISCUSSION

Site

The proposed structure will be located adjacent to the Higley Road frontage on pad "D" within the existing Lakeview Village commercial center. Currently the subject site is occupied by an undeveloped pad and associated parking. Minor adjustments have been made to accommodate the preferences of the prospective tenant, but the layout of the current proposal is almost the same as was originally conceived for this pad in the approved development plan under DR02-27.

With the proposed site design, the fast-food outlet will utilize existing drive entrances to the property along the north, south, and east. These entrances will allow for full turning movements into the site. Direct access to the site will be derived from an existing driveway entrance off Higley Road.

Landscape

The Higley Road right-of-way landscaping area is already in place and will remain unchanged by this proposal. Additionally, primary internal drive aisles and most landscape planters have existing planting installed, with this pad development primarily filling in along the proposed drive-through with Evergreen Elm trees and Petite Pink Oleander screen hedging. The applicant will be adding additional landscape islands in the parking area added adjacent to the internal drive aisle to the north. All internal landscaping will be developed consistent with the Lakeview Village's approved plant palettes and will consist of drought tolerant low water use plantings.

Grading and Drainage

The proposed grading and drainage plan will utilize the existing retention system of the commercial development and generally meets the requirements of the Town of Gilbert's Engineering Division.

Elevations, Floor Plan, Colors and Materials

Overall, the proposed elevations are consistent with the theme established in the existing shopping center. However, staff has presented comments to the applicant in the 1st Review regarding the proposed roofline. Throughout the existing development, hipped rooflines are a predominant roofline feature whereas the proposed elevation mainly features a flat roofline and raised parapets with hipped rooflines used on secondary features, such as the entry overhangs and drive through canopies.

Staff would like to note that the presented elevations have been reviewed and approved by the Morrison Ranch architectural review committee.

Lighting

Most of the site and parking lot lighting is existing with additions by the applicant made around the proposed drive through aisle and on the exterior of the building elevations. Fixture design on the building consists primarily of LED sconce lighting fixtures and is consistent with the design used throughout the shopping center. All site lighting will be required to comply with Town codes.

Signage

The proposed development is subject to the Lakeview Village Comprehensive Sign Program (DR04-28) and is not a part of this review.

PUBLIC NOTIFICATION AND INPUT

The proposed project will not require public notice as specified under Land Development Code (LDC) Section 5.602.A.3. If after Study Session, the project has addressed all review comments and those brought forth by the Planning Commission, the project may qualify for an administrative approval.

Per LDC Section 5.602.B.m., projects that do not require public notice yet require approval by the Planning Commission/ Design Review Board may be approved administratively after the project is discussed by the Planning Commission/ Design Review Board at a Study Session and final exhibits meet review comments for code requirements.

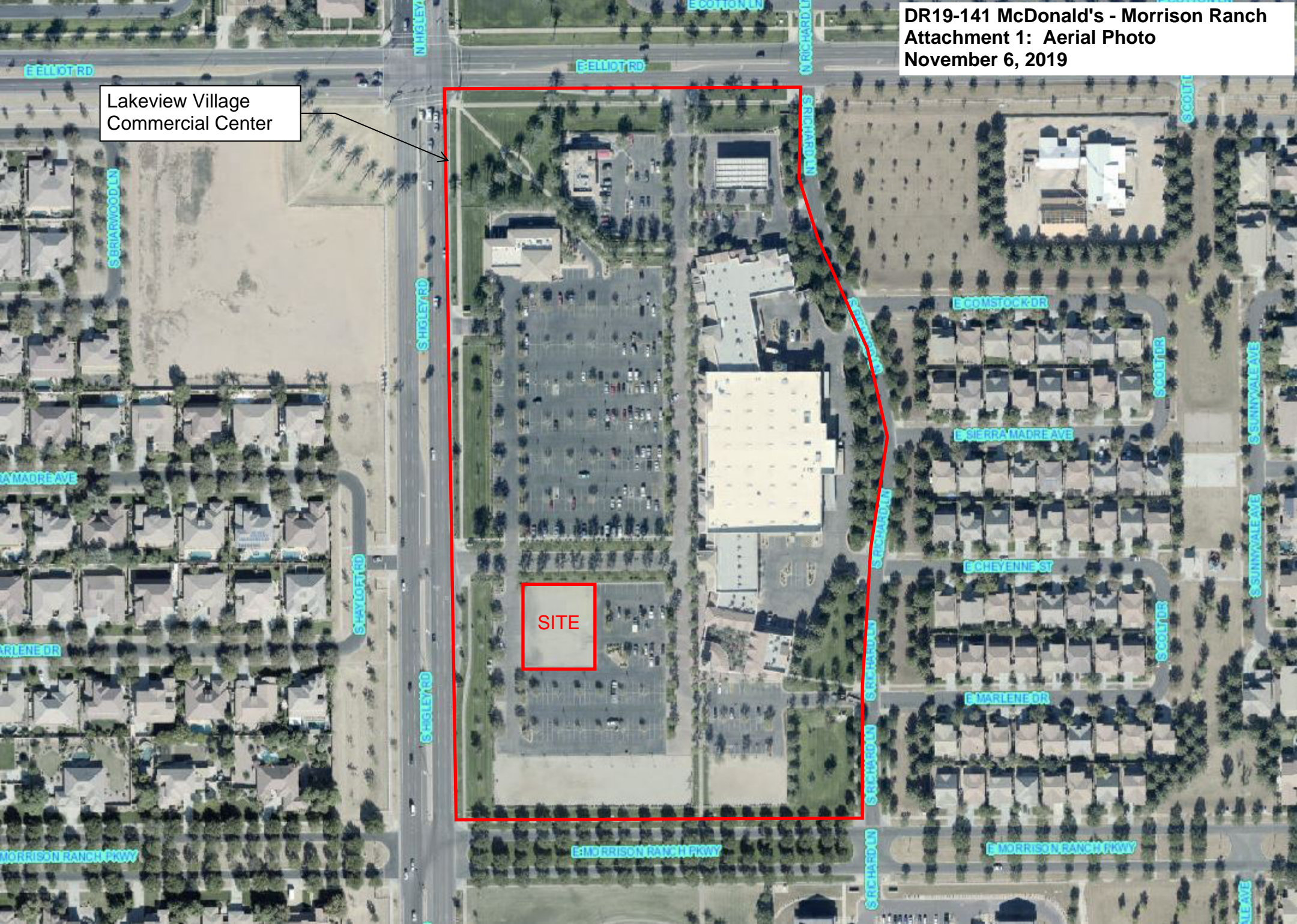
Respectfully submitted,

Josh Rogers
Planner II

Attachments and Enclosures:

- 1) Aerial Photo
- 2) Lakeview Village Approved Master Site Plan
- 3) Site Plan
- 4) Landscape
- 5) Grading and Drainage

- 6) Colors and Materials
- 7) Elevations
- 8) Floor Plans
- 9) Lighting



Lakeview Village
Commercial Center

SITE

DR19-141 McDonald's - Morrison Ranch
Attachment 2: Lakeview Village Approved Master Site Plan
November 6, 2019

T.J. McQUEEN & ASSOCIATES, INC.
LANDSCAPE ARCHITECTURE
URBAN DESIGN
SITE PLANNING
1121 East Missouri Ave., Suite 218
Phoenix, Arizona 85014
(602) 265-0320
(FAX) 266-6619 (E-MAIL) mcqueen@tjmcquendesign.net



ROBERT KUBICEK ARCHITECTS
AND ASSOCIATES, INC.
EAST THOMAS ROAD
SUITE 100
PHOENIX, ARIZONA 85016
(602) 955-3900
FAX (602) 955-3900



ROAD 15111

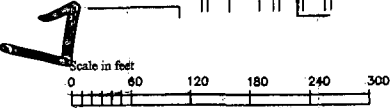
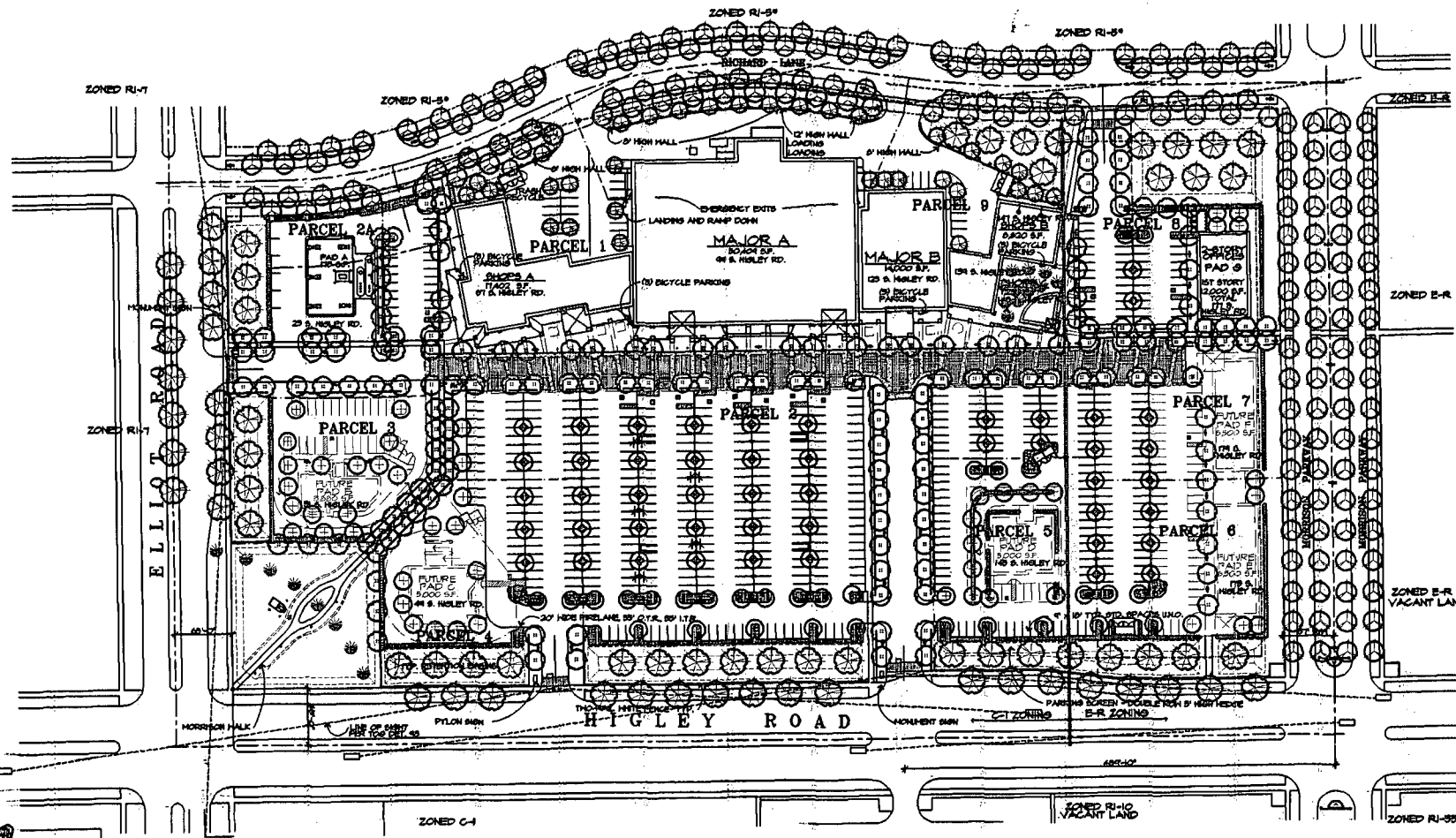
PLAN

DR02-27
Exhibit 3: Landscape Plan
August 15, 2002

LANDSCAPE LEGEND

- Carya illinoensis
Pecan "Western Schley" - 24" Box
- Ulmus parvifolia sempervirens
Evergreen Elm - 24" Box
- Phoenix dactyloides
Date Palm - 30" tall
- Dialbergia elaeagnus
Silver Tree - 36" Box
- Fraxinus velutina
Velvet Ash "Elia Grande" - 24" Box
- Pinus eldarica
Eldorado Pine - 24" Box
- Hedera nelsonii
Nelson's Ivy - 36" o.e. - 3 gallon
- Bougainvillea "Boehmeria Koest"
Espalier on Wall

Note:
All ground areas are "Mid-hum"
barranca grass irrigated with
reclaimed water. See Morrison Ranch
Development Plan, approved Nov. 3,
1998.



LAKEVIEW VILLAGE AT MORRISON RANCH

LANDSCAPE
PLAN
March 28, 2002



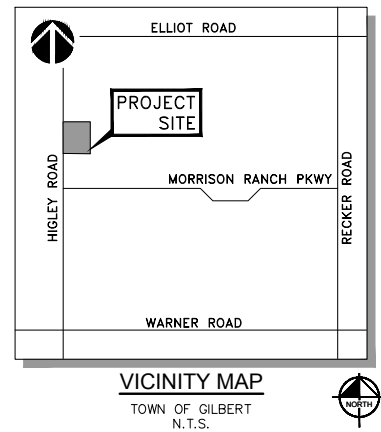
DR19-141 McDonald's - Morrison Ranch
Attachment 3: Site Plan
November 6, 2019

CIVIL ENGINEER

KIMLEY-HORN AND ASSOCIATES, INC.
1001 W SOUTHERN AVE. SUITE 131
MESA, ARIZONA 85210
TEL: (480) 207-2666
FAX: (602) 944-7423
CONTACT: STERLING MARGETTS, PE

DEVELOPER

MCDONALD'S USA, LLC
4643 SOUTH ULSTER ST., SUITE 1300
DENVER, CO 80237
TEL: (480) 417-6764
FAX: (602) 293-5301
CONTACT: SCOTT AUDSLEY

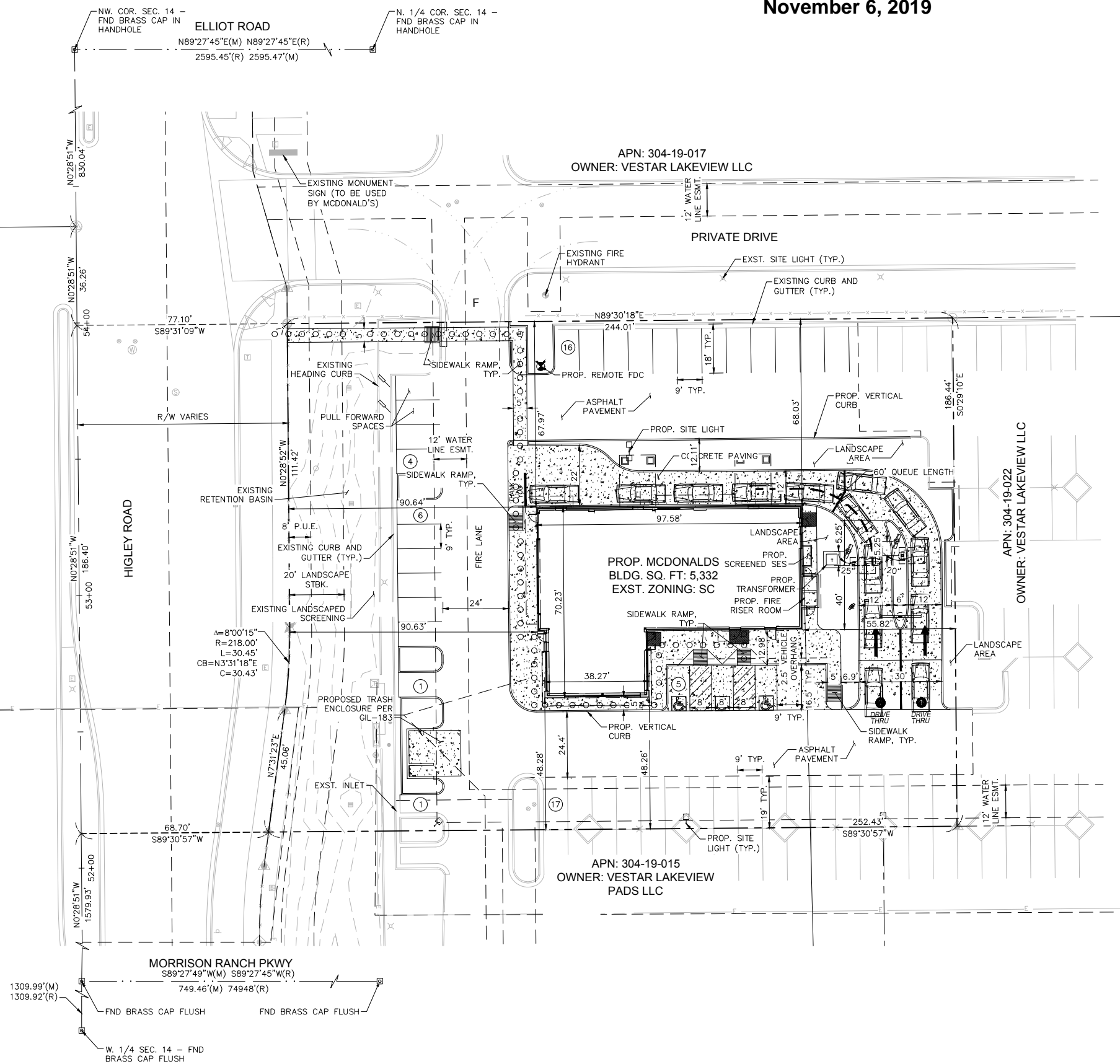



PARKING REQUIREMENTS

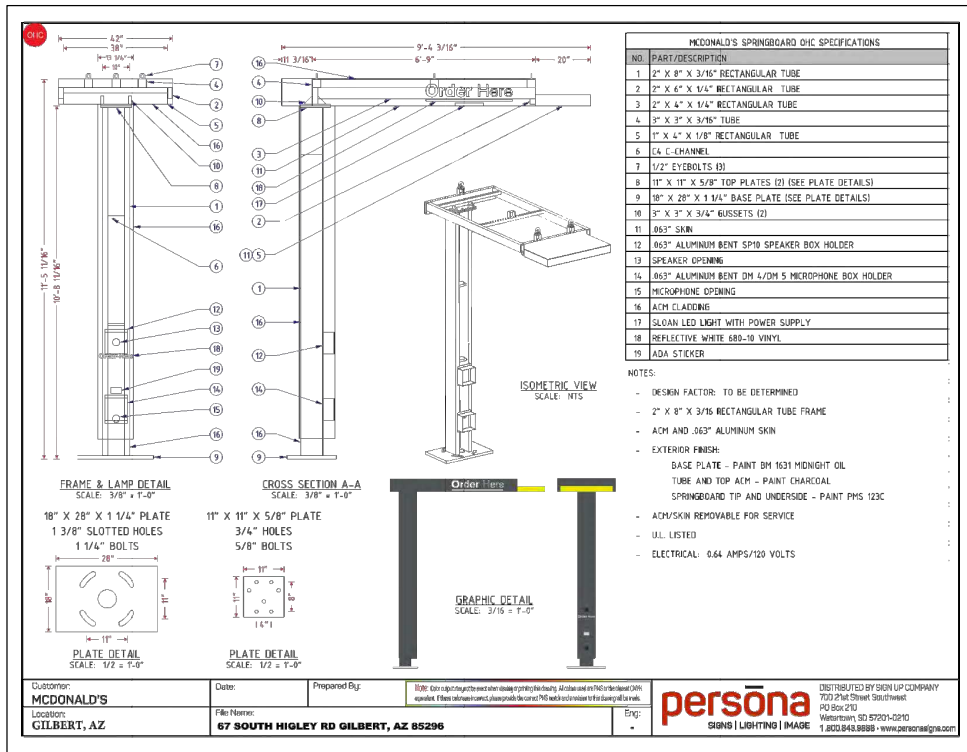
EXISTING ZONING:	SC
ADJACENT ZONING:	SC (N,S,E), HIGLEY ROAD TO THE WEST
APN:	304-19-016
NET ACREAGE:	1.05 ACRES (45,746 SF)
GROSS ACREAGE:	1.37 ACRES (59,861 SF)
BUILDING AREA:	5,332 SF
LOT COVERAGE:	5,332 SF/45,746 SF = 11.66%
LANDSCAPE AREA:	4,020 SF
LANDSCAPE COVERAGE:	4,020 SF/45,746 SF = 8.79%
PARKING REQUIRED:	1 SPACE PER 250 SF 5,332/250 = 22 SPACES
INDIVIDUAL PARKING:	REQUIRED PROVIDED
STANDARD	21 47
ACCESSIBLE PER ADA	1 3
TOTAL PARKING	22 50

LEGEND

	CONCRETE HARDSCAPE
	PROPERTY LINE
	BUILDING SETBACK LINE
	PARKING SPACE COUNT
	ADA PATH
	FIRE TURNING RADIUS

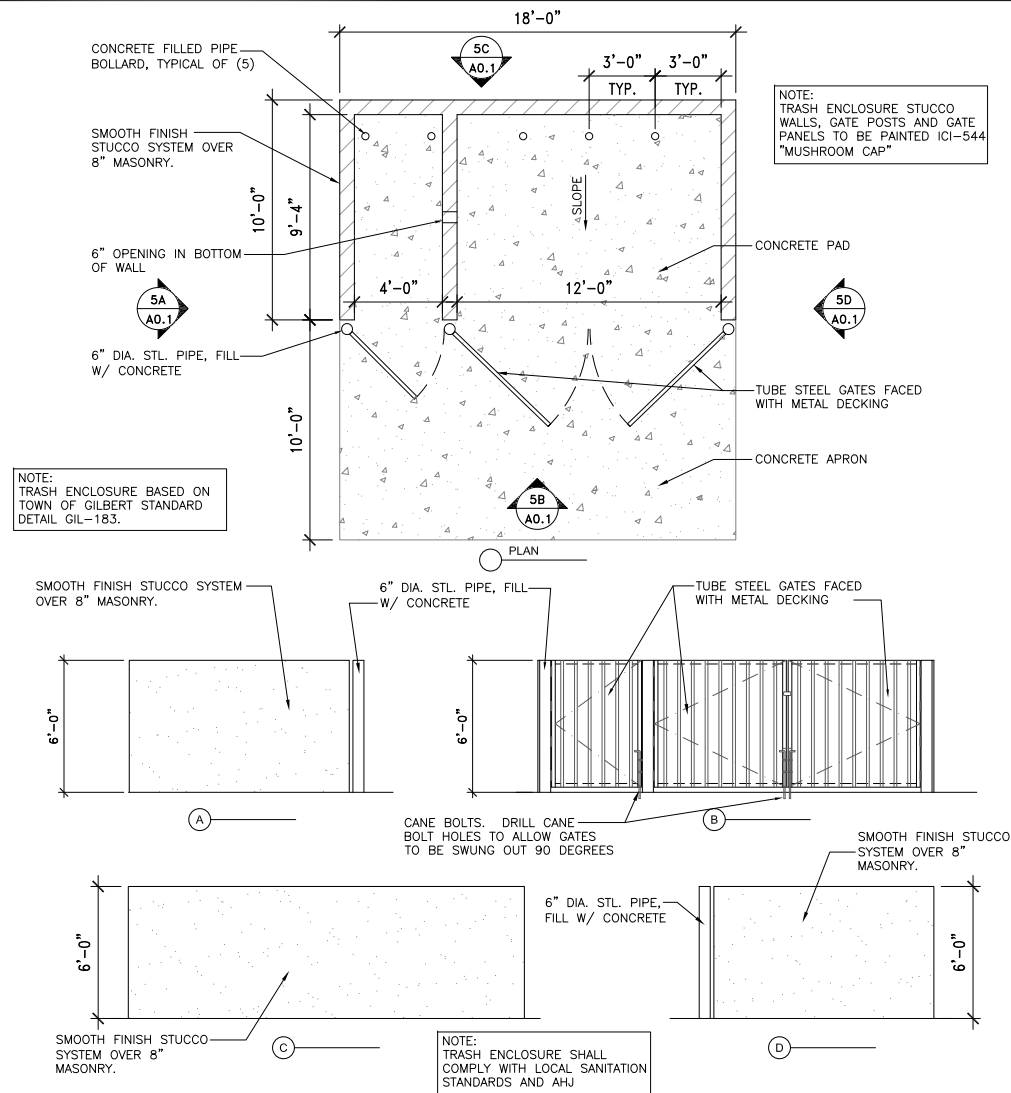


2	OF	3	TITLE		DRAWN BY MRT	PREPARED FOR: McDonald's USA, LLC <small>These drawings and specifications are the confidential and proprietary property of McDonald's USA, LLC and shall not be copied or reproduced without written authorization. The contract documents prepared by McDonald's USA, LLC shall govern the project. Use of these drawings for reference or example on another project requires the approval of McDonald's USA, LLC. The contract documents for use on another project are not authorized.</small>	PREPARED BY:  Kimley»Horn						
			DESCRIPTION		REVIEWED BY STM								
					DATE ISSUED								
			SITE ID		SCALE (H): 1"=20' SCALE (V): NONE								
			SITE ADDRESS 145 S. HIGLEY ROAD, GILBERT, AZ 85296										
								REV	DATE			DESCRIPTION	BY



DRIVE-THRU PRE-BROWSE MENU BOARD SCALE: N.T.S.

4



TRASH ENCLOSURE WITH GREASE TRAP SCALE: 1/4"=1'-0"

5



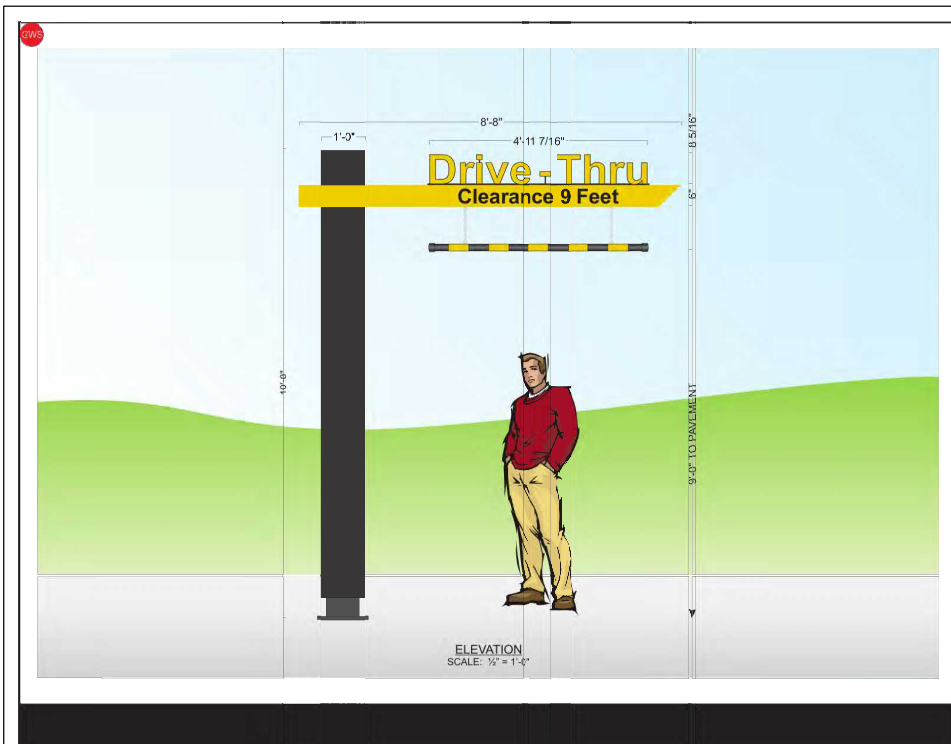
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2



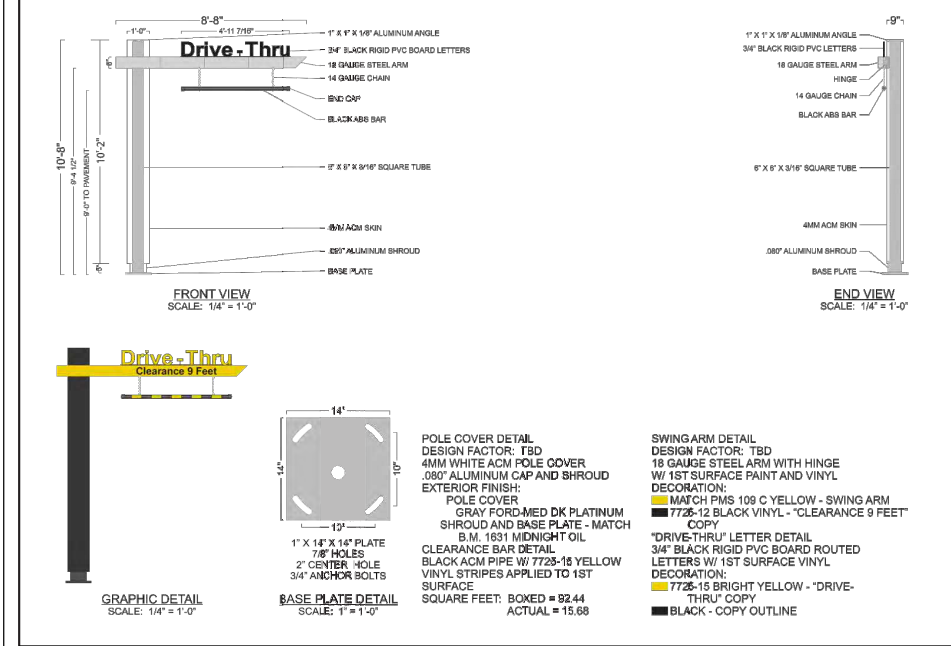
DRIVE-THRU MENU BOARD SCALE: N.T.S.

3



DRIVE-THRU GATEWAY SCALE: N.T.S.

1



BY

DESCRIPTION

DATE

REV

Professional of Record:

PM
DESIGN

Architectural
Solutions Group

76 EAST MITCHELL RD
PHOENIX AZ 85012
HEMANT MODI, ARCHITECT
hmodi@pmdginc.com
76 EAST MITCHELL DRIVE,
PHOENIX, AZ 85012
PHONE (602) 457-5706
TROY AXELROD, PROJECT MANAGER
taxelrod@pmdginc.com
ROY PEDRO, ARCHITECT
KEN MCCrackEN, ARCHITECT

REGISTERED ARCHITECT
CERTIFICATE NO.
49197
HEMANT G. MODI
ARIZONA, U.S.A.

PREPARED FOR:
McDonald's USA, LLC

THESE DRAWINGS AND SPECIFICATIONS ARE THE CONFIDENTIAL AND PROPRIETARY INFORMATION OF McDonald's USA, LLC. NO PART OF THESE DRAWINGS OR SPECIFICATIONS SHALL BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN AUTHORIZATION OF McDonald's USA, LLC. THE CONTRACT DOCUMENTS WERE PREPARED FOR USE ON THIS SPECIFIC SITE IN CONNECTION WITH ITS ISSUANCE AND ANY REUSE OF THESE DRAWINGS OR SPECIFICATIONS FOR ANY OTHER PROJECT OR SITE WITHOUT THE WRITTEN AUTHORIZATION OF McDonald's USA, LLC IS PROHIBITED. ANY REUSE OF THESE DRAWINGS OR SPECIFICATIONS FOR ANY OTHER PROJECT OR SITE WITHOUT THE WRITTEN AUTHORIZATION OF McDonald's USA, LLC IS PROHIBITED.

DRAWN BY
A. ELLIOT

STD ISSUE DATE

REVIEWED BY
T. AXELROD

DATE ISSUED
09/25/19

PROJECT#
MCD-19094.0

TITLE
McDonald's #39440
HIGLEY & ELLIOT

DESCRIPTION
NEW

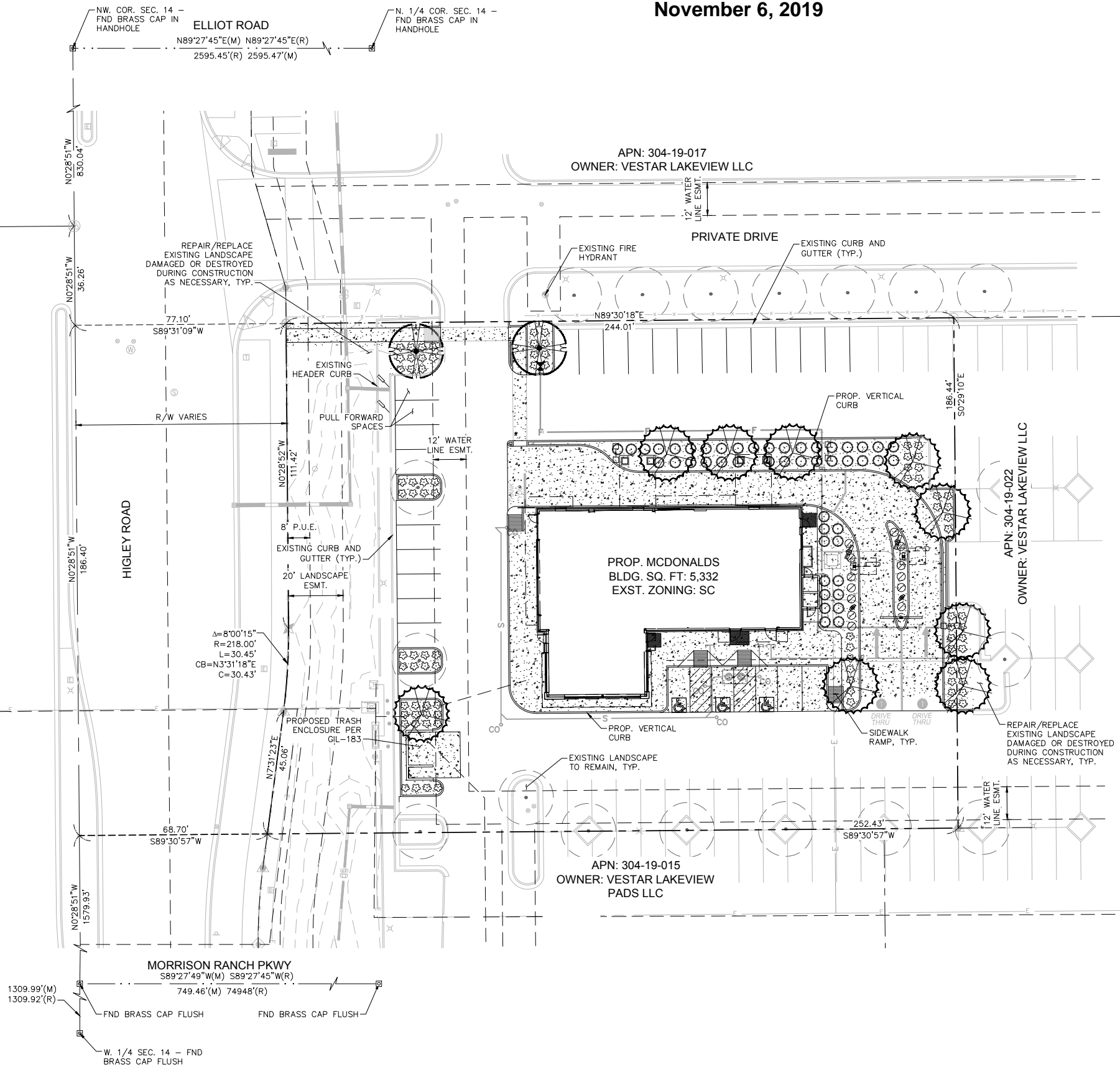
SHEET NO.
002-1049

SITE ADDRESS
145 S. Higley Road Gilbert AZ 85296

A0.1

SITE DETAILS

DR19-141 McDonald's - Morrison Ranch
Attachment 4: Landscape
November 6, 2019

CIVIL ENGINEER

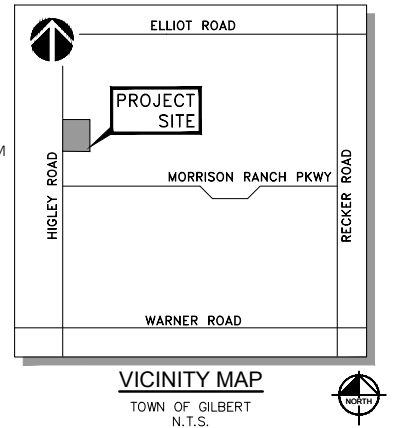
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TEL: (602) 944-7423
CONTACT: STERLING MARGETTS, PE
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DEVELOPER

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CONTACT: SCOTT AUDSLEY
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LANDSCAPE ARCHITECT

KIMLEY-HORN AND ASSOCIATES, INC.
7740 N 16TH ST., SUITE 300
PHOENIX, AZ 85020
TEL: (602) 906-1103
CONTACT: ANDREW VALESTIN, PLA
EMAIL: ANDREW.VALESTIN@KIMLEY-HORN.COM



PLANTING LEGEND


TREES

	<u>BOTANICAL NAME / COMMON NAME</u>	<u>SIZE</u>	<u>QTY</u>
	Existing Tree to Remain	Size Varies	-
	Protect in Place		
	Dalbergia sissoo	2" Cal. Min., 11' Ht. Min.	2
	Sissoo		
	Ulmus parviflora	2" Cal. Min., 9' Ht. Min.	9
	Evergreen Elm		

SHRUBS & GROUNDCOVERS

	<u>BOTANICAL NAME / COMMON NAME</u>	<u>SIZE</u>	<u>QTY</u>
✿	Carissa macrocarpa Natal Plum	5 Gal.	90
⊘	Eremophila maculata 'Outback Sunrise' Outback Sunrise Emu	1 Gal.	13
⦿	Nerium oleander 'Petite Pink' Petite Pink Oleander	5 Gal.	50

MATERIALS

	DESCRIPTION	QTY
	Decomposed Granite (Submit Sample to Owner for Approval) Color and Size to Match Existing, 2" Depth Min.	4,020 SF

TOWN OF GILBERT LANDSCAPE REQUIREMENTS

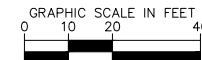
REQUIRED	PROVIDED
Parking Lot Landscape Screening	
Wall or 3'-4' Evergreen	Existing to Remain
Vegetative Screen	Provided
Not Located within R.O.W	Provided
3'-6' Offset from Parking Area	Provided
Max. 24' ht. Vegetation in SVT	Provided
Parking Lot Landscape	
1 Tree / 8 Spaces (4 Trees)	12 Trees
Min. Trunk ht. 6', 2" Caliper	6' ht. Min., 2" Caliper
Min. 10% Landscape (45,755 SF)	24.6% (11,270 SF)
Max. 8 Spaces without Planter	Provided
Landscape Regulations	
All Trees Min. 6' ht.	Provided
Palm Trees Min. 5' ht.	N/A
All Trees Min. 3/4" Caliper	Provided
Trees Shall Be Planted Per	Details will be
ANA Standards	Provided with CD
Streetscape Requirements	Submittal
1 Tree / 25 LF, 3 Shrubs per Tree	
General Requirements	
All Landscape Areas Not Covered by Turf, or Hardscape Shall be Covered by Approved Inorganic Groundcover such as D.G. Depth of Coverage Shall be Indicated on LS	Existing to Remain
Plan	
Groundcover 20% of Area Required	
Retention Basins Completely Landscaped	
Max. 4:1 Slope in Retention Basins	

SITE DATA

ADDRESS:	145 S. HIGLEY ROAD GILBERT, AZ
PROPOSED MCDONALDS LOT AREA:	1.05± AC (45,755 SF)


LANDSCAPE AREA

EXISTING LANDSCAPE AREA:	7,280 SF
PROPOSED LANDSCAPE AREA:	4,020 SF
TOTAL LANDSCAPE AREA:	11,300 SF

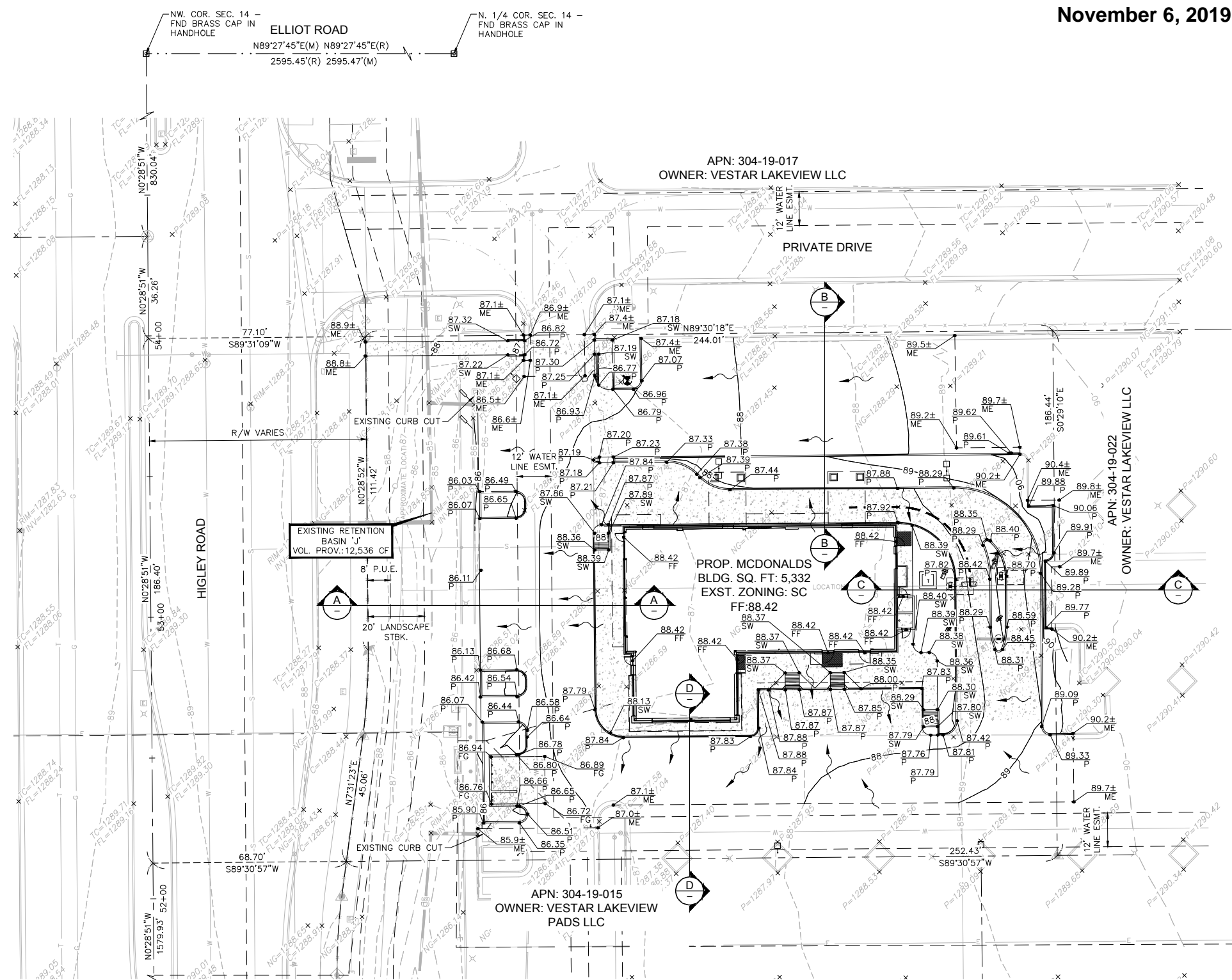


Know what's **below**.
● **Call** before you dig.



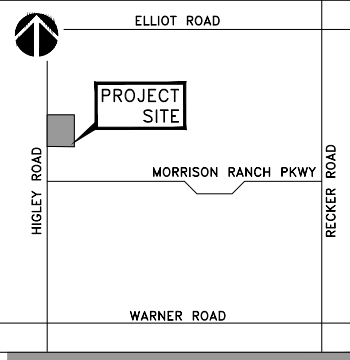
1	PRELIMINARY LANDSCAPE PLAN	DRAWN BY	PREPARED FOR:			Kimley»»Horn	REV	DATE	DESCRIPTION	BY
		JAJ	M. McDonald's USA, LLC							
		STD ISSUE DATE	These drawings and specifications are the confidential and proprietary property of McDonald's USA, LLC and shall not be copied or reproduced without written authorization. The contract documents were prepared under the understanding that the drawings and specifications are not suitable for use on a different site or at a later time. Use of these drawings for reference on another project requires the written consent of McDonald's USA, LLC. Use of the contract documents for reuse on another project is not authorized.							
		09/06/2019								
OF	DESCRIPTION	REVIEWED BY								
1	PRE-LS	AAV								
		DATE ISSUED								
	SITE ID	SITE ADDRESS	SCALE (H): 1"=20'	SCALE (V): NONE						
		145 S. HIGLEY ROAD, GILBERT, AZ 85236								

DR19-141 McDonald's - Morrison Ranch
Attachment 5: Grading and Drainage
November 6, 2019



LEGEND

- PROPERTY LINE
- EASEMENT LINE
- FLOW LINE
- SAWCUT LINE
- PROPOSED HIGH POINT
- EXISTING STORM DRAIN PIPE
- PROPOSED CONTOUR
- EXISTING CONTOUR
- PROPOSED FLOW ARROW
- PROPOSED PAVEMENT
- SPOT ELEVATION
- EXISTING GRADE ELEVATION



NOTES

1. ADD 1200' TO ALL ELEVATIONS.
2. ADD 0.5' TO PAVEMENT (P) ELEVATIONS FOR TOP OF CURB ELEVATIONS FOR VERTICAL CURBS.
3. ALL SPOT ELEVATIONS ARE FINISHED GRADE PAVEMENT (P), GUTTER/GRATE (G), TOP OF CURB (TC), OR SIDEWALK (SW) ELEVATIONS UNLESS OTHERWISE NOTED.
4. CONTRACTOR SHALL USE SPOT ELEVATIONS, PROPOSED CONTOURS, AND SLOPES TO ESTABLISH GRADES.
5. SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% AND LONGITUDINAL SLOPE SHALL NOT EXCEED 5%.
6. REFER TO LANDSCAPE PLANS FOR SLOPE TREATMENT.
7. ALL FILL SLOPES SHALL BE COMPACTED TO 95% RELATIVE DENSITY.

FLOOD ZONE

ACCORDING TO FEMA FLOOD INSURANCE RATE MAP, MAP NUMBER 04013C2751M, DATED NOVEMBER 4, 2015, THE SUBJECT PROPERTY IS LOCATED IN ZONE X (SHADED). ZONE X (SHADED) IS DEFINED AS "AREAS OF 0.2% ANNUAL CHANCE FLOOD; AREAS OF 1% ANNUAL CHANCE FLOOD WITH AVERAGE DEPTHS OF LESS THAN 1 FOOT OR WITH DRAINAGE AREAS LESS THAN 1 SQUARE MILE; AND AREAS PROTECTED BY LEVEES FROM 1% ANNUAL CHANCE FLOOD."

BENCHMARK

THE BENCHMARK USED FOR THIS SURVEY IS THE MARICOPA COUNTY DEPARTMENT OF TRANSPORTATION SURVEY DATASHEET UNIQUE POINT ID: 10940, BEING A 3" BRASS CAP IN HANDHOLE W/ NO IDENTIFICATION, LOCATED AT THE INTERSECTION OF HIGLEY ROAD & ELLIOT ROAD, MARKING THE NORTHWEST QUARTER OF SECTION 16, HAVING AN ELEVATION OF 1287.268, (NAVD88)

BASIS OF BEARING

THE BASIS OF BEARING IS THE MONUMENT LINE OF HIGLEY ROAD, ALSO BEING THE WEST LINE OF THE NORTHWEST QUARTER OF SECTION 16, USING A BEARING OF NORTH 00 DEGREES 28 MINUTES 51 SECONDS WEST, AS PER THE FINAL PLAT OF "LAKEVIEW VILLAGE AT MORRISON RANCH" IN BOOK 742 OF MAPS, PAGE 48, RECORDS OF MARICOPA COUNTY, ARIZONA.

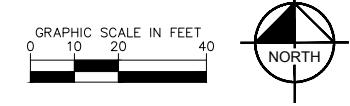
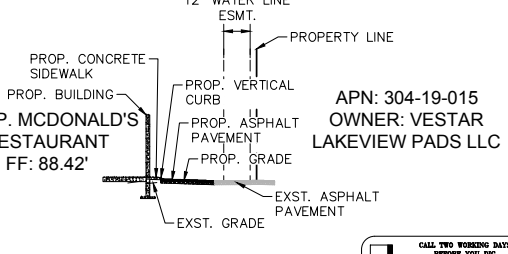
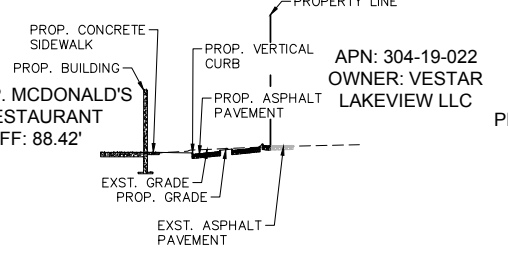
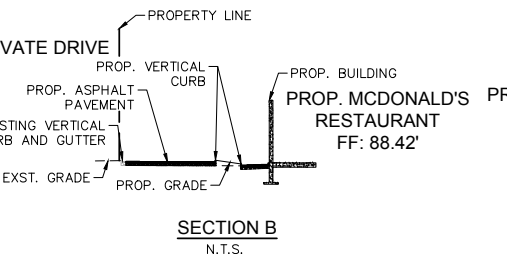
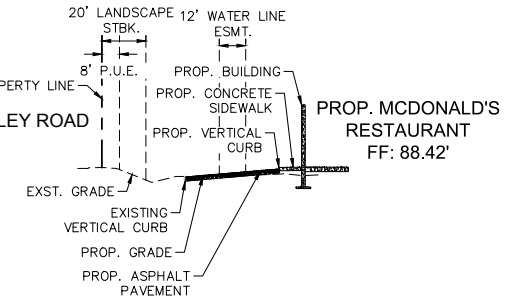
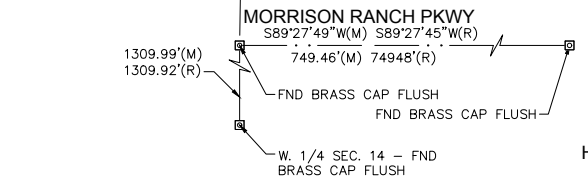
DRAINAGE STATEMENT:


THE PROPOSED DEVELOPMENT IMPROVEMENTS TO THE SITE WILL CONTINUE TO UTILIZE THE EXISTING STORMWATER RETENTION SYSTEM, CONSTRUCTED IN 2004 TO SERVE THE ENTIRE COMMERCIAL DEVELOPMENT. PER "CONCEPTUAL GRADING PLAN" PREPARED BY AMEC, DATED 8/15/2002, BASIN 'J' WAS SIZED TO RETAIN THE RUNOFF FROM A DEVELOPED COMMERCIAL PAD. THE PROPOSED DEVELOPMENT INCLUDES ROOF, PAVEMENT, AND LANDSCAPE RUNOFF. WE DO NOT ANTICIPATE THE PROPOSED MCDONALD'S DEVELOPMENT TO GENERATE ANY ADDITIONAL RUNOFF, THEREFORE THE EXISTING RETENTION BASIN HAS SUFFICIENT VOLUME.

STORMWATER WILL SHEET FLOW TO THE EXISTING CURB CUT TO THE WEST OF THE SITE AND RETAIN ALL ON-SITE AND ADJACENT HALF-STREET FLOWS GENERATED FROM THE 50-YEAR 24-HOUR STORM IN EXISTING SURFACE AND UNDERGROUND RETENTION BASINS PER TOWN OF GILBERT PUBLIC WORKS AND ENGINEERING STANDARDS.

SITE INFORMATION

EXISTING ZONING: SC
NET ACREAGE: 1.05 ACRES (45,746 SF)
GROSS ACREAGE: 1.37 ACRES (59,861 SF)



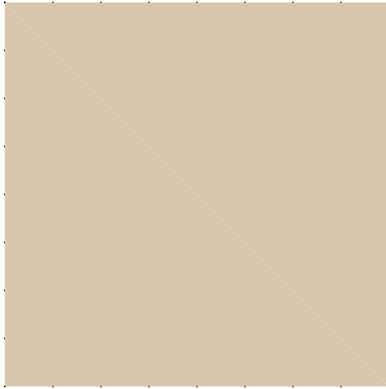
1	TITLE	DRAWN BY MRT		PREPARED BY: McDonald's USA, LLC <small>These drawings and specifications are the confidential and proprietary property of McDonald's USA, LLC and shall not be copied or reproduced without written authorization. The contract documents were prepared without written authorization. In no event shall the drawings or specifications be suitable for use on a different site or at a later time. Use of these drawings for reference on another project requires the approval of McDonald's USA, LLC. The drawings and specifications of the contract documents for reuse on another project is not authorized.</small>			Kimley»»Horn								
	DESCRIPTION	REVIEWED BY STM		7/9/2019										PREPARED BY:	
		DATE ISSUED		REV	DATE										BY
		SCALE (H):													
		SCALE (V): NONE													
1	SITE ID	SITE ADDRESS 145 S. HIGLEY ROAD, GILBERT, AZ 85296													

Kimley»Horn



McDonald's USA, LLC

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"WATER CHESTNUT"
ICI-645
("C" SERIES APPROVED
CENTER COLORS)



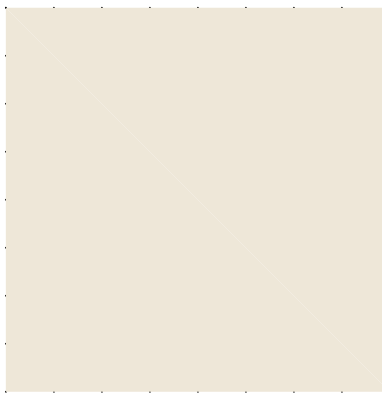
"MUSHROOM CAP"
ICI-544
("C" SERIES APPROVED
CENTER COLORS)



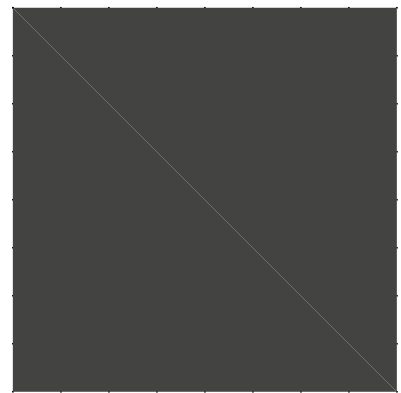
"MONTANA TAN"
ICI-643
("C" SERIES APPROVED
CENTER COLORS)



"BASIC BEIGE"
ICI-758
("A" SERIES APPROVED
CENTER COLORS)



"SWISS COFFEE"
ICI-2012
("A" SERIES APPROVED
CENTER COLORS)



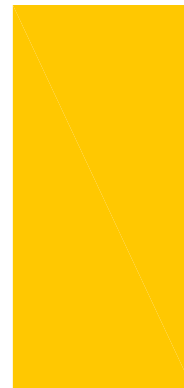
SHERWIN WILLIAMS
SW-7069
"IRON ORE"
(McDONALD'S BRAND COLOR)



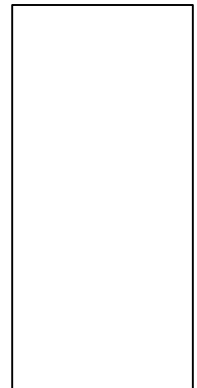
"RUSSIT" 209
IXL BRICK CO
(OR EQUIVALENT)
FACE BRICK / TINTED MORTAR



"TURTLE DOVE FLAT CONC. TILE"
MONIER 2020 SERIES
CONCRETE ROOF TILE



COLOR: "GOLD"
ENTRY CANOPY



COLOR: "WHITE"
PLAY-PLACE CANOPY

ALL-LITE ARCHITECTURAL PRODUCTS



MATERIALS / COLOR BOARD

145 S. Higley Rd. Gilbert, AZ 85296

S.E.C. Elliot Road and Higley Road

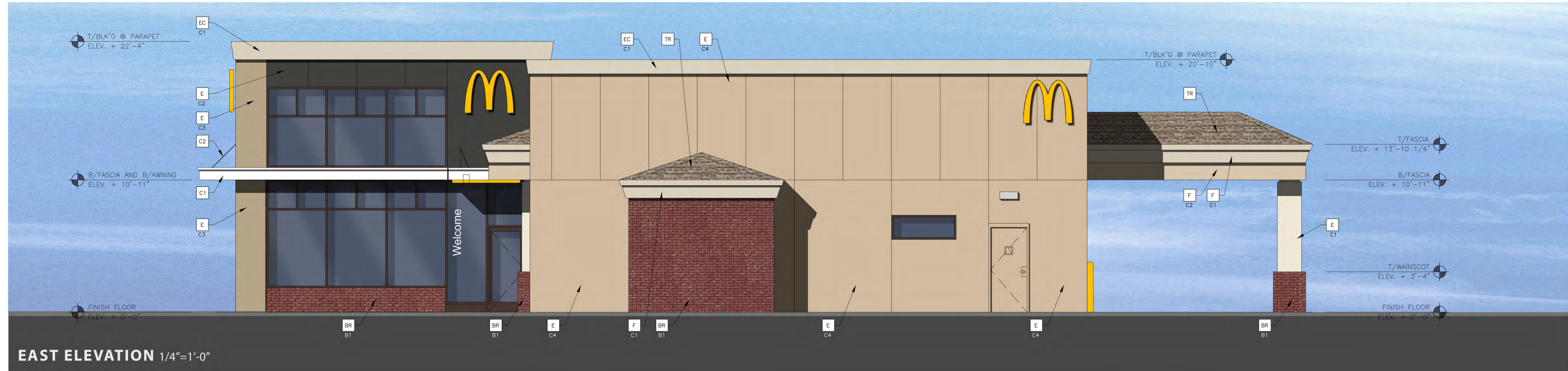


MATERIAL LEGEND:

										
ROOF TILE MONIER 2020 SERIES ("C" SERIES APPROVED CENTER COLORS)	WATER CHESTNUT ICI-645 ("C" SERIES APPROVED CENTER COLORS)	MUSHROOM CAP ICI-544 ("C" SERIES APPROVED CENTER COLORS)	MONTANA TAN ICI-643 ("C" SERIES APPROVED CENTER COLORS)	BASIC BEIGE ICI-758 ("A" SERIES APPROVED CENTER COLORS)	SWISS COFFEE ICI-2012 ("A" SERIES APPROVED CENTER COLORS)	SHERWIN WILLIAM SW-7069 IRON ORE (McDONALDS BRAND COLOR)	C8 RUSSIT 209 IXL BRICK CO OR EQUIVALENT FACE BRICK / TINTED MORTAR ("C" SERIES APPROVED CENTER COLORS)	GOLD	WHITE	DLX1056-7 BRICK DUST ("C" SERIES APPROVED CENTER COLORS)

KEY NOTES:

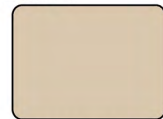
BR B1—COLOR: B1 = "MESA" — BY IXL BRICK CO. (WITH TINTED MORTAR)	EC E.I.F.S. CORNICE C#—COLOR: C1 = BASIC BEIGE
C1 ALUMINUM CANOPY SYSTEM W/FASCIA COLOR: WHITE	F FASCIA C#—COLOR: C1 = BASIC BEIGE C2 = WATER CHESTNUT
C2 ALUMINUM CANOPY TIEBACK COLOR: RAL 7022 GC TO PROVIDE CONTINUOUS BLOCKING ON WALL BEHIND TIEBACKS	TR CONCRETE TILE ROOF
E EXTERIOR INSULATION FINISH SYSTEM (E.I.F.S.) C#—COLOR: C1 = SWISS COFFEE ("C" SERIES COLORS — LAKEVIEW VILLAGE) C2 = IRON ORE C3 = MONTANA TAN ("C" SERIES COLORS — LAKEVIEW VILLAGE) C4 = MUSHROOM CAP ("C" SERIES COLORS — LAKEWOOD VILLAGE)	



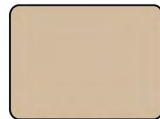
MATERIAL LEGEND:



ROOF TILE
MONIER 2020 SERIES
("C" SERIES APPROVED
CENTER COLORS)



WATER CHESTNUT
ICI-645
("C" SERIES APPROVED
CENTER COLORS)



MUSHROOM CAP
ICI-544
("C" SERIES APPROVED
CENTER COLORS)



MONTANA TAN
ICI-643
("C" SERIES APPROVED
CENTER COLORS)



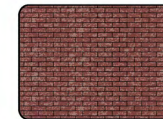
BASIC BEIGE
ICI-758
("A" SERIES APPROVED
CENTER COLORS)



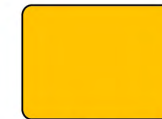
SWISS COFFEE
ICI-2012
("A SERIES APPROVED
CENTER COLORS)



SHERWIN WILLIAM
SW-7069
IRON ORE
(McDONALDS BRAND COLOR)



C8 RUSSIT 209
IXL BRICK CO
OR EQUIVALENT
FACE BRICK / TINTED MORTAR
("C" SERIES APPROVED
CENTER COLORS)



GOLD



WHITE

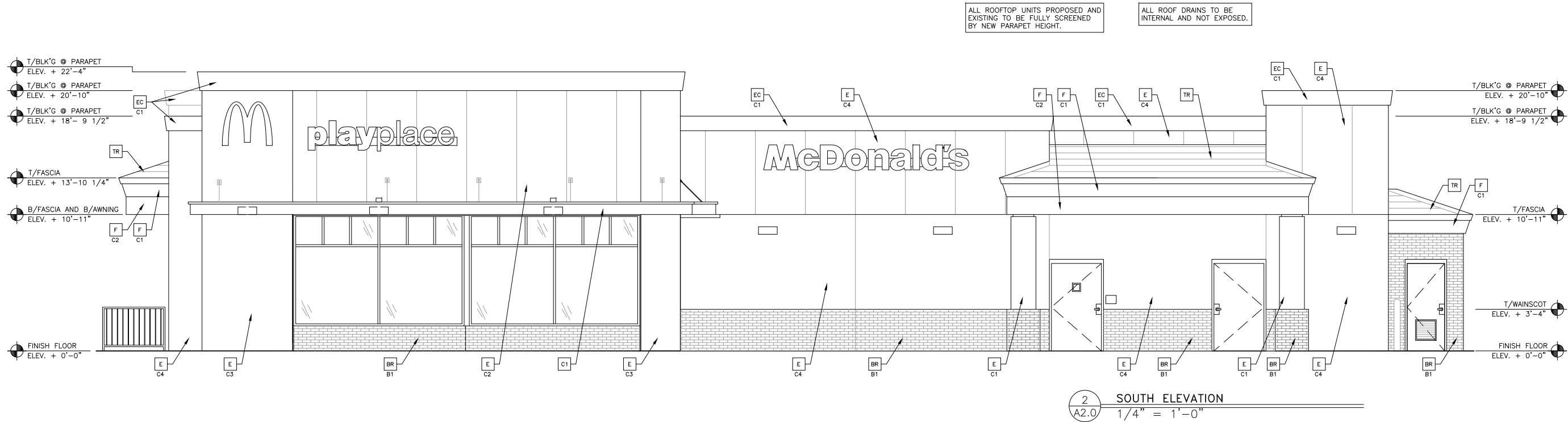
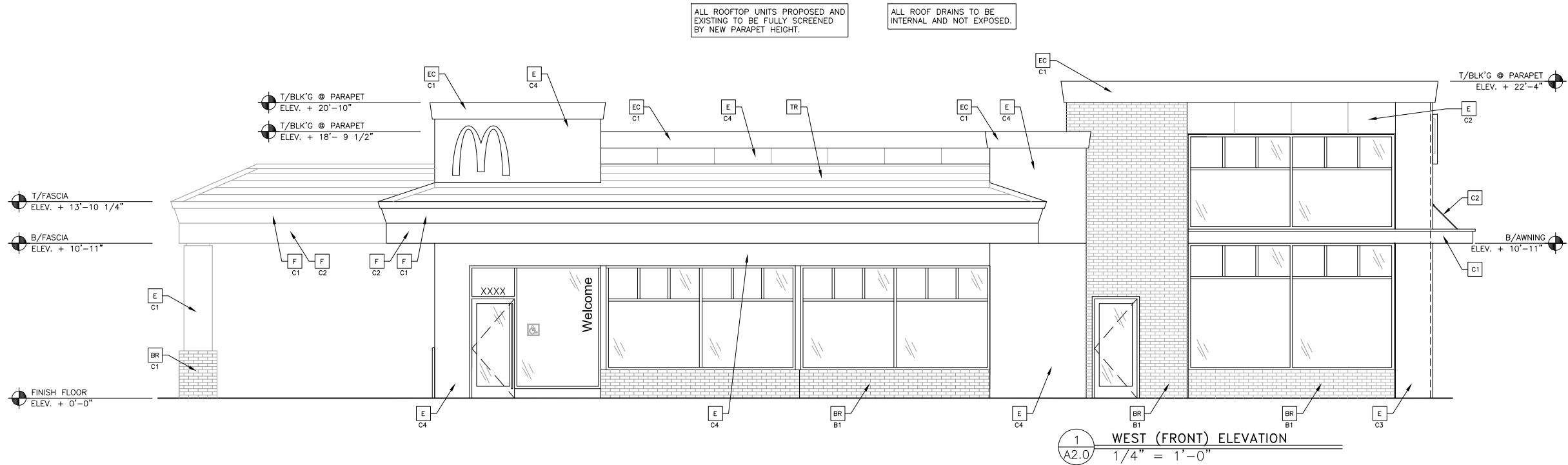


DLX1056-7
BRICK DUST
("C" SERIES APPROVED
CENTER COLORS)

KEY NOTES:

- BR — COLOR:
B1 = "MESA" — BY IXL BRICK CO. (WITH TINTED MORTAR)
- C1 — ALUMINUM CANOPY SYSTEM W/FASCIA
COLOR: WHITE
- C2 — ALUMINUM CANOPY TIEBACK
COLOR: RAL 7022
GC TO PROVIDE CONTINUOUS BLOCKING ON WALL BEHIND TIEBACKS
- E — EXTERIOR INSULATION FINISH SYSTEM (E.I.F.S.)
C# — COLOR:
C1 = SWISS COFFEE ("C" SERIES COLORS — LAKEVIEW VILLAGE)
C2 = IRON ORE
C3 = MONTANA TAN ("C" SERIES COLORS — LAKEVIEW VILLAGE)
C4 = MUSHROOM CAP ("C" SERIES COLORS — LAKEWOOD VILLAGE)

- EC — E.I.F.S. CORNICE
C# — COLOR:
C1 = BASIC BEIGE
- F — FASCIA
C# — COLOR:
C1 = BASIC BEIGE
C2 = WATER CHESTNUT
- TR — CONCRETE TILE ROOF



KEY NOTES:

- BR** B1—COLOR:
B1 = "MESA" — BY IXL BRICK CO. (WITH TINTED MORTAR)
- C1** ALUMINUM CANOPY SYSTEM W/FASCIA
COLOR: WHITE
- C2** ALUMINUM CANOPY TIEBACK
COLOR: RAL 7022
GC TO PROVIDE CONTINUOUS BLOCKING ON WALL BEHIND TIEBACKS
- E** EXTERIOR INSULATION FINISH SYSTEM (E.I.F.S.)
- EC**—COLOR:
C1 = SWISS COFFEE ('C' SERIES COLORS — LAKEVIEW VILLAGE)
C2 = IRON ORE
C3 = MONTANA TAN ('C' SERIES COLORS — LAKEVIEW VILLAGE)
C4 = MUSHROOM CAP ('C' SERIES COLORS — LAKEWOOD VILLAGE)

- EC** E.I.F.S. CORNICE
- C1**—COLOR:
C1 = BASIC BEIGE
- F** FASCIA
- C1**—COLOR:
C1 = BASIC BEIGE
C2 = WATER CHESTNUT
- TR** CONCRETE TILE ROOF

REV	DATE	DESCRIPTION	BY
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

Professional of Record:



78 EAST MITCHELL RD
PHOENIX AZ 85012
HEMANT MODI, ARCHITECT
hmodi@pmdesign.com
78 EAST MITCHELL DRIVE,
PHOENIX, AZ 85012
PHONE (602) 457-5708
TROY AXELROD, PROJECT MANAGER
taxelrod@pmdesign.com
BOY PEDRO, ARCHITECT
KEN MCCracken, ARCHITECT



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TITLE	SHEET NO.	DESCRIPTION	SITE ADDRESS
McDONALD'S #39440	HIGLEY & ELLIOT	NEW	145 S. Higley Road Gilbert AZ 85296
PROJECT #	MOD-19094.0		
DATE ISSUED	05/28/19		
REVIEWED BY	TAKELIOT		
STD ISSUE DATE			
DRAWN BY	AHELINER		

A2.0
ELEVATIONS

KEYED NOTES	
MARK	DESCRIPTION OF WORK
1	WHITE ALUMINUM AWNING SYSTEM ABOVE.
2	LINE OF ROOF OVERHANG
3	DRIVE-THRU CANOPY COLUMN
4	DRIVE-THRU CANOPY ABOVE

REV	DATE	DESCRIPTION	BY
△	-	-	
	-	-	



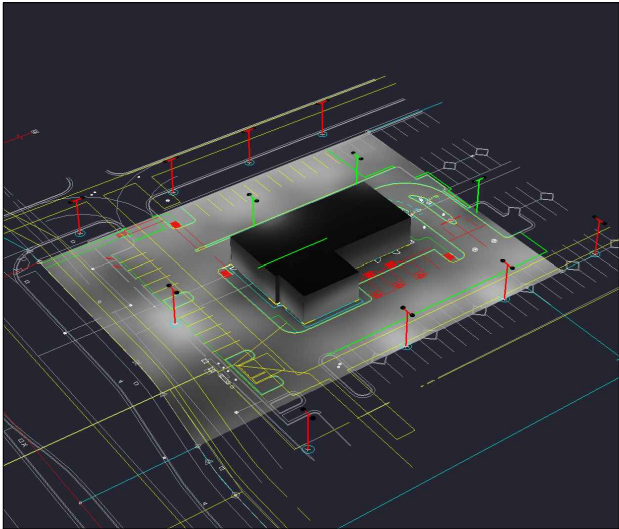
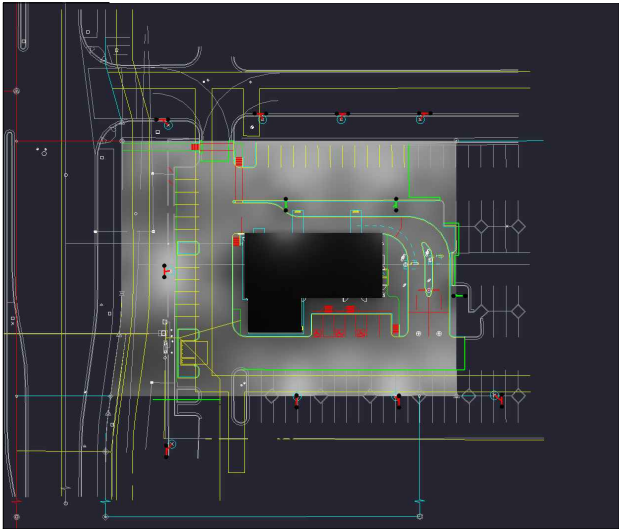
DRAWN BY AHELLNER	STD ISSUE DATE	REVIEWED BY TAXELROD	DATE ISSUED 08/28/19	PROJECT# MCD-19094.0
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SHEET NO. A1.0
FLOOR PLAN



FLOOR PLAN	SCALE: 3/16"=1'-0"	1
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DR19-141 McDonald's - Morrison Ranch
Attachment 9: Lighting
November 6, 2019



1. THIS LIGHTING DESIGN IS BASED ON INFORMATION SUPPLIED BY OTHERS TO SECURITY LIGHTING SYSTEMS. SITE DETAILS PROVIDED HEREON ARE REPRODUCED ONLY AS A VISUALIZATION AID. FIELD DEVIATIONS MAY SIGNIFICANTLY AFFECT PREDICTED PERFORMANCE. PRIOR TO INSTALLATION, CRITICAL SITE INFORMATION (POLE LOCATIONS, ORIENTATION, MOUNTING HEIGHT, ETC.) SHOULD BE COORDINATED WITH THE CONTRACTOR AND/OR SPECIFIER RESPONSIBLE FOR THE PROJECT.


2. LUMINAIRE DATA IS TESTED TO INDUSTRY STANDARDS UNDER LABORATORY CONDITIONS. OPERATING VOLTAGE AND NORMAL MANUFACTURING TOLERANCES OF LAMP, BALLAST, AND LUMINAIRE MAY AFFECT FIELD RESULTS.

3. CONFORMANCE TO FACILITY CODE AND OTHER LOCAL REQUIREMENTS IS THE RESPONSIBILITY OF THE OWNER AND/OR THE OWNER'S REPRESENTATIVE.

4. THIS LAYOUT MAY NOT MEET TITLE 24 OR LOCAL ENERGY REQUIREMENTS. IF THIS LAYOUT NEEDS TO BE COMPLIANT WITH TITLE 24 OR OTHER ENERGY REQUIREMENTS, PLEASE CONSULT FACTORY WITH SPECIFIC DETAILS REGARDING PROJECT REQUIREMENTS SO THAT REVISIONS MAY BE MADE TO THE DRAWING.

NOTES:

1. THE FOOTCANDLE LEVELS AS SHOWN ARE BASED ON THE FOLLOWING CRITERIA. ANY SUBSTITUTIONS IN SPECIFIED FIXTURES OR CHANGES TO LAYOUT WILL AFFECT LIGHTING LEVELS SHOWN AND WILL NOT BE THE RESPONSIBILITY OF SECURITY LIGHTING.
2. DISTANCE BETWEEN READINGS 10'



Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
PAVED SURFACE READINGS	Illuminance	Fc	3.46	7.3	1.0	3.46	7.30
PROPERTY LINE READINGS	Illuminance	Fc	3.43	7.5	0.4	8.58	18.75

- SPECIFY COLOR

LABEL	FIXTURE TYPE	SYMBOL	FIXTURE QUANTITY	CONFIG	QUANTITY	EPA	MOUNTING HEIGHT	LLF	POLE TYPE	QUANTITY	WIND LOAD	ALLOWED EPA
A	EXISTING PRM2-PM-H3-250HPS / TRAGU		18	DBL180	9		24.5'	0.75	EXISTING	9		
B	PRMN-T5-48LED-SK-700-## / TRAGU-##		6	DBL180	3	6.74	24.5'	0.90	DB3-SF22-188-##	3	90mph	7.9

* PROJECT WIND LOAD CRITERIA BASED ON:
ASCE 7-10 WIND SPEEDS (3-SEC PEAK GUST MPH)
50 YEAR MEAN RECURRENCE INTERVAL

THIS DRAWING MEETS OR EXCEEDS MCDONALD'S CURRENT ILLUMINATION SPECIFICATIONS OF A 3-4 FOOTCANDLE AVERAGE, UNLESS SUPERSEDED BY OTHER REQUIREMENTS.



2100 Gulf Road, Suite 400, Rolling Meadows, IL 60008
1-800-344-6848

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES

SCALE 1" = 20' 0"

DRAWN BY MW

POINT-BY-POINT FOOTCANDLE PLOT FOR
MCDONALD'S
145 S HIGLEY RD
GILBERT, AZ

NATIONAL STORE NUMBER

39440

DATE

9/3/19

DRAWING NUMBER

42953A

DB3 – Decorative Pole

TYPE

4" & 5" ROUND (RD) & FLUTED (FL) DECORATIVE BASE



DB3

1. BASE	2. POLE	3. OAH	4. COLOR	5. OPTIONS/ACCESSORIES						

MAXIMUM ALLOWABLE EPA (MPH)

1. BASE	2. POLE	3. OAH	SHAFT	WT	85	90	100	110	120	130	140	150
DB3	4R10-125	10' (3.1m)	4" RD x .125"	73	19.4	17.1	13.5	10.8	8.9	7.4	6.3	5.5
DB3	4R12-125	12' (3.7m)	4" RD x .125"	77	15.3	13.4	10.5	8.3	6.7	5.6	4.7	4.0
DB3	4R14-125	14' (4.3m)	4" RD x .125"	81	12.3	10.7	8.2	6.3	5.0	4.1	3.4	2.9
DB3	4R16-125	16' (4.9m)	4" RD x .125"	84	10.0	8.6	6.4	4.8	3.6	2.9	2.4	2.0
DB3	4R10-226	10' (3.1m)	4" RD x .226"	85	23.8	21.0	16.7	13.5	11.1	9.3	8.0	6.9
DB3	4R12-226	12' (3.7m)	4" RD x .226"	92	19.2	16.9	13.3	10.6	8.6	7.2	6.1	5.3
DB3	4R14-226	14' (4.3m)	4" RD x .226"	98	15.9	13.9	10.8	8.4	6.8	5.6	4.7	4.0
DB3	4R16-226	16' (4.9m)	4" RD x .226"	104	12.4	12.3	9.4	7.3	5.7	4.7	4.0	3.3
DB3	4R18-226	18' (5.5m)	4" RD x .226"	110	11.7	10.0	7.5	5.6	4.3	3.5	2.9	2.4
DB3	4R20-226	20' (6.2m)	4" RD x .226"	116	9.5	8.1	5.9	4.2	3.1	2.4	1.9	1.6
DB3	4F10-188	10' (3.1m)	4" FL x .188"	80	22.1	19.5	15.4	12.4	10.2	8.5	7.1	6.1
DB3	4F12-188	12' (3.7m)	4" FL x .188"	86	17.6	15.4	12.1	9.6	7.7	6.4	5.3	4.4
DB3	4F14-188	14' (4.3m)	4" FL x .188"	91	14.3	12.5	9.6	7.5	5.9	4.8	3.9	3.2
DB3	4F16-188	16' (4.9m)	4" FL x .188"	96	11.7	10.1	7.6	5.8	4.4	3.5	2.7	2.2
DB3	4F18-188	18' (5.5m)	4" FL x .188"	101	9.4	8.0	5.6	4.3	3.1	2.3	1.7	1.2
DB3	4F20-188	20' (6.2m)	4" FL x .188"	106	7.4	6.2	4.3	2.9	1.9	1.2	0.7	0.4
DB3	5R14-188	14' (4.3m)	5" RD x .188"	100	32.3	28.5	22.7	18.6	15.5	13.1	11.2	9.6
DB3	5R16-188	16' (4.9m)	5" RD x .188"	106	27.3	23.9	19.0	15.5	12.8	10.8	9.2	7.9
DB3	5R18-188	18' (5.5m)	5" RD x .188"	113	22.8	19.8	15.6	12.7	10.5	8.8	7.4	6.4
DB3	5R20-188	20' (6.2m)	5" RD x .188"	120	18.9	16.4	12.8	10.3	8.5	7.0	5.9	5.0
DB3	5R22-188	22' (6.8m)	5" RD x .188"	127	15.8	13.5	10.4	8.3	6.8	5.6	4.7	3.9
DB3	5R24-188	24' (7.4m)	5" RD x .188"	134	13.1	11.1	8.4	6.6	5.3	4.3	3.6	3.0
DB3	5R25-188	25' (7.7m)	5" RD x .188"	138	11.9	10.0	7.5	5.9	4.7	3.8	3.1	2.5
DB3	5R14-250	14' (4.3m)	5" RD x .250"	113	35.7	31.5	25.2	20.6	17.2	14.5	12.4	10.7
DB3	5R16-250	16' (4.9m)	5" RD x .250"	122	30.5	26.8	21.3	17.4	14.5	12.2	10.4	9.0
DB3	5R18-250	18' (5.5m)	5" RD x .250"	131	25.8	22.5	17.8	14.5	12.0	10.1	8.6	7.3
DB3	5R20-250	20' (6.2m)	5" RD x .250"	139	21.8	18.9	14.8	12.0	9.9	8.3	7.0	6.0
DB3	5R22-250	22' (6.8m)	5" RD x .250"	148	18.5	15.9	12.4	9.9	8.1	6.7	5.7	4.8
DB3	5R24-250	24' (7.4m)	5" RD x .250"	157	15.7	13.4	10.3	8.2	6.6	5.5	4.5	3.8
DB3	5R25-250	25' (7.7m)	5" RD x .250"	161	14.5	12.3	9.3	7.4	6.0	4.9	4.0	3.4
DB3	5F12-188	12' (3.7m)	5" FL x .188"	94	25.4	22.3	17.8	14.7	12.1	10.0	8.6	7.2
DB3	5F14-188	14' (4.3m)	5" FL x .188"	100	21.4	18.7	14.8	12.1	10.0	8.2	6.9	5.8
DB3	5F16-188	16' (4.9m)	5" FL x .188"	106	17.8	15.5	12.1	9.8	8.0	6.6	5.4	4.5
DB3	5F18-188	18' (5.5m)	5" FL x .188"	113	14.5	12.5	9.7	7.8	6.3	5.1	4.1	3.3
DB3	5F20-188	20' (6.2m)	5" FL x .188"	120	11.8	10.0	7.6	6.1	4.8	3.7	3.0	2.3
DB3	5F22-188	22' (6.8m)	5" FL x .188"	127	9.4	7.9	5.8	4.6	3.9	2.6	2.0	1.4
DB3	5F24-188	24' (7.4m)	5" FL x .188"	134	7.4	6.1	4.3	3.3	2.4	1.7	1.1	0.6
DB3	5F25-188	25' (7.7m)	5" FL x .188"	138	6.6	5.2	3.6	2.7	1.9	1.2	0.7	0.3

Note: Overall height is measured to top of pole.

2. COLOR

Standard Color

WH	Arctic White
BL	Black
BLT	Matte Black
DB	Dark Bronze
DGN	Dark Green
TT	Titanium
WDB	Weathered Bronze
MDB	Bronze Metallic
VBU	Verde Blue
CRT	Corten
MAL	Matte Aluminum
MG	Medium Grey
AGN	Antique Green
LG	Light Grey

Premium Color

SHK	Shamrock
SPP	Salt and Pepper
SFM	Seafoam
WCP	Weathered Copper
RAL	RAL 4 digit Color
CUSTOM	Custom Color

3. OPTIONS / ACCESSORIES

AD5 * (Used only with standard AAL arms and post top mount fixtures that slip over a 4" O.D. pole. The AD5 is a cast aluminum adapter that slips into the arm or over a 5"/125mm O.D. pole.)

FH (Flag holder. Specify location on pole)

FS1 (Single weatherproof fuse holder. Fuse by others.)

FS2 (Double weatherproof fuse holder. Fuse by others.)

LR ** (Ladder rest. Slips over a 4" O.D. pole.)

PCA-T** (Rotatable photocell housing. The housing slips over a 4"/100mm O.D. pole. A fixture slips over the 4"/100mm O.D. tenon. Includes an internal twist lock receptacle, and an access cover with integral lens and stainless steel tether. Adds 5"/125mm to the overall height of the pole/fixture assembly. Prewired on the load side and line side for easy installation. Photocell by others.)

PCR (Low profile twist lock photocell receptacle with cast pole cap top. Secures to the top of the pole with three stainless steel set screws. Photocell by others.)

PLT ** (Plant Hanger. For 4" O.D. poles. (Specify location on pole)

RBC (Cast aluminum receptacle housing, integrally welded to the pole. Includes a NEC approved clear weatherproof cover. Does not include a receptacle or internal wiring.)

* For 5" O.D. Only; ** For 4" O.D. Only

SPECIFICATIONS

Base shall be cast aluminum #356 alloy, free of any porosity, foreign materials, or cosmetic fillers. Base casting shall be heat treated to a T-6 condition, and of uniform wall thickness, with no warping or mold shifting.

WARNINGS

Caution must be exercised in the selection of a design wind speed when the pole is to be installed in a special wind region (as indicated by the wind map) or in an area where wind speed is unpredictable.

AAL recommends consulting a local engineer when the pole is to be installed in an area that may be subject to extreme weather and exposure. Poles installed on structures such as buildings and bridges may be subjected to vibration, oscillations, and other fatigue effects which are not covered by the AAL warranty. The use of banners or other appendages can severely affect the loading of a pole. No banner or other appendage should be attached to an AAL pole unless approved by AAL.

If the products are to be used on an existing foundation or on other structures, the customer assumes all responsibility for the structural integrity of the existing foundation, anchorage or structures and all the consequences arising therefrom.

CAUTION

Poles should never be erected without the luminaire installed.

Anchor bolts shall be hot dip galvanized steel. Six galvanized hex nuts and flat washers, and a bolt circle template shall be provided. Anchor bolts for poles 14 feet high or less are 3/4" x 24" x 3". Anchor bolt for poles more than 14 feet high are 1" x 36" x 4".

CERTIFICATION

Certified UL 1598 in accordance with Article 410 of ANSI/NFPA 70, National Electrical Code.

JOB _____

TYPE _____

NOTES _____



ARCHITECTURAL AREA LIGHTING

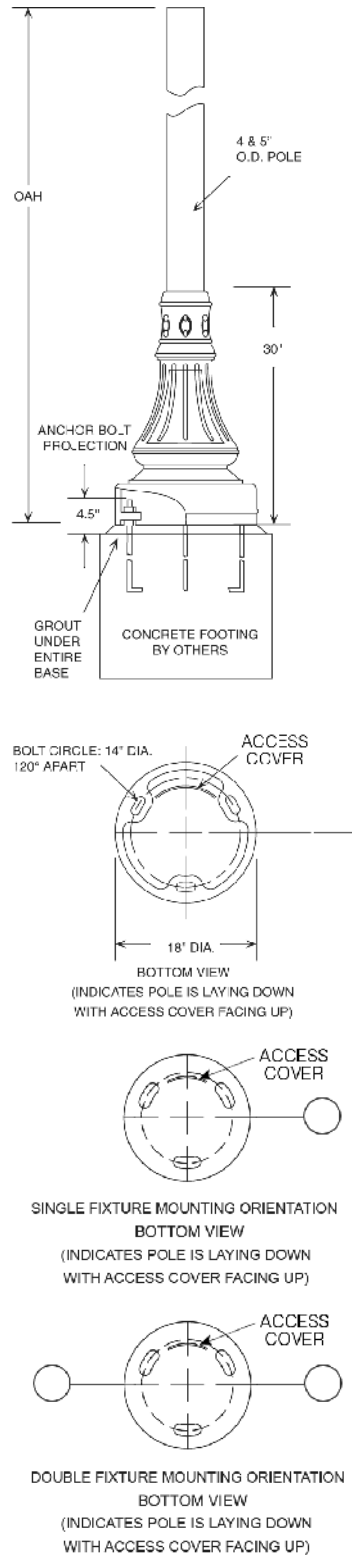
16555 East Gale Ave. | City of Industry | CA 91745

P 626.968.5666 | F 626.369.2695 | www.aal.net

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4" & 5" ROUND (RD) & FLUTED (FL) DECORATIVE BASE

DIMENSIONS



PRMN/PRMS/PRMD

Promenade™

SITE/AREA



- Features highly efficient, exclusive MicroCore™ technology
- Upgrade kits available
- DLC pending
- Features exclusive LifeShield® Protection System
- 0-10v dimming capabilities
- All cast aluminum construction and stainless steel hardware
- IP66
- Powder coat finish in 14 standard colors with a polymer primer sealer

ORDERING INFORMATION

PRMN/PRMS/PRMD

MODEL	
PRMN	Promenade™
PRMS	Promenade™
PRMD	Promenade™
UPGRADE KITS	
PRMN-LK, PRMS-LK, PRMD-LK	
Distribution (Class 2, 120 thru 277 volt)	
T2, T3, T4, T5, TL, TR	IES Type 2, 3, 4, 5, 45° Left, 45° right distribution
Color Temperature	
48LED-3K	Warm White 3000K diodes
48LED-4K	Neutral White 4000K diodes
48LED-5K	Bright White 5000K diodes
Ballast/Driver	
700	700 milliamp drive current, 112 watts
450	450 milliamp drive current, 72 watts

COLOR TEMPERATURE	
48LED-3K	Warm White, 3000K output
48LED-4K	Neutral White, 4000K output
48LED-5K	Bright White, 5000K output

DRIVER	
120 thru 277 volt	
700	700mA drive current, 112 watts
450	450mA drive current, 72 watts

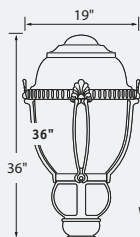
DISTRIBUTION	
T2	Type 2
T3	Type 3
T4	Type 4
T5	Type 5
TL	45° Left
TR	45° Right

FIXTURE FINISH	
Standard Colors	
WH	Arctic White
BL	Black
BLT	Matte Black
DGN	Dark Green
DB	Dark Bronze
TT	Titanium
WDB	Weathered Bronze
MDB	Metallic Bronze
VBU	Verde Blue
CRT	Corten
MAL	Matte Aluminum
MG	Medium Grey
AGN	Antique Green
LG	Light Grey
Premium Colors	
SHK	Shamrock
SPP	Salt and Pepper
SFM	Seafoam
WCP	Weathered Copper
RAL	Provide a RAL 4 digit color number
CUSTOM COLOR	Please provide color chip for matching

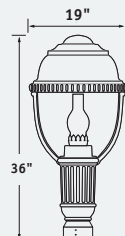
OPTIONS	
CHC	Copper hood cover. PRMS & PRMN only.
BHC	Brass hood cover. PRMS & PRMN only.
BPS	Brass color painted struts. PRMN only.
CHM	Glass chimney, with brass holder. PRMS & PRMN only.
LDL	Lightly diffused lens
PT5	Post top adaptor for a 5" O.D. pole. PRMS & PRMN only.
MAT	Cast adapter to mount to a 2 3/8" O.D. mast arm. PRMD only.
FTG	Flat glass lens in replacement of standard acrylic drop lens. PRMD only.
HSS	House side shield.
LDL	Lightly diffused lens.
FTG	Clear flat lens. PRMD only.
SCP	Programmable motion control, factory default is 50%, requires pole.
PCA-C	Rotatable photocell housing-contemporary
EPA-C	Egress-contemporary

SCP (Sensor Control Programmable) pole accessory is available to provide occupancy detection for outdoor applications meeting California Title 24. For complete spec sheet and ordering information, visit www.aal.net/products/sensor_control_programmable/

DIMENSIONS



PRMN
WT: 38 lbs. EPA: 2.75 IP: 66
Slip over 4" O.D. pole



PRMS
WT: 38 lbs. EPA 2.75



PRMD
36" x 19" DIA
WT: 34 lbs EPA: 2.10

Please visit www.aal.net for mounting options.

TRA6U/TRA6D– Period Pole Mount Arms

TYPE



TRA6D

1. ARM

2. COLOR

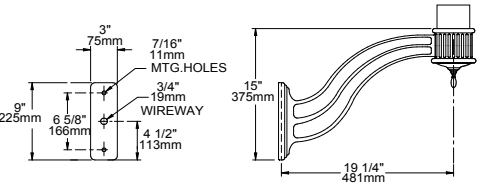
1. ARM

TRA6U (Mount up. Weight: 9 lbs. EPA: .62)
TRA6D (Mount down. Weight: 9 lbs. EPA: .62)

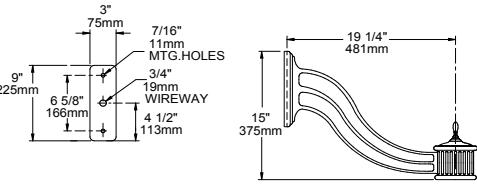
2. COLOR

WH Arctic White	MDB Bronze Metallic
BL Black	VBU Verde Blue
BLT Matte Black	CRT Corten
DB Dark Bronze	MAL Matte Aluminum
DGN Dark Green	MG Medium Grey
TT Titanium	AGN Antique Green
WDB Weathered Bronze	LG Light Grey
	RAL Premium Color
	CUSTOM * * Contact Factory

DIMENSIONS



TRA6U (4" or 5" pole)



TRA6D (4" or 5" pole)

SPECIFICATIONS

The arm shall be one piece cast aluminum construction. The arm shall be prewired with a quick connector for easy installation.

The arm shall have a cast aluminum fitter welded to the top of the arm(s) for attaching the fixture. The fixture shall be mounted with three stainless steel bolts through the top of the arm fitter into the fixture. The attachment point shall have a silicone pad for sealing the fixture to arm connection.

The arm shall bolt to a 4"/100mm O.D. pole.

Note: Fixture type and mounting orientation will determine size of arm tail.

JOB	_____
TYPE	_____
NOTES	_____ _____ _____





RWSC

LED RADIUS WALL SCONCE

The RWSC LED radius wall sconce series offers a combination of light distributions that wash the building facade while the radial soft form housing accentuates building architectural design elements in all commercial and residential applications.

The RWSC LED provides excellent illumination with a high efficiency LED light source of 72 or 36 mid power LED's that deliver up to 2,400 lumens and up to 109 lumens per watt.

The RWSC LED fixture has become a building standard and is stocked as a quick ship item in many colors and distributions.

Features

- Durable cast aluminum housing
- Integrated design eliminates high angle brightness
- Completely sealed, flat tempered glass lenses, UL listed for use in wet locations
- DLC, Downlight only, full cut-off

Operating Temperature

- -30°C to 40°C

Electrical:

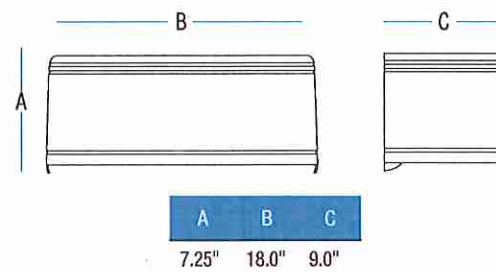
- Dimming is an option (consult factory)

Mounting

RWSC features Intelligent Mounting Bracket which helps save time and money by allowing only one person to easily install. The small mounting bracket is very user friendly and features an integrated level bubble on the bracket ensuring fixture installation will always be perfect.



Dimensions



Certifications/Listings



Ordering Information

 Ordering Example: RWSC - XXL - XK - XX - U - XX - XX

Series		# of LED's		CCT		Distribution		Voltage		Finish		Options	
RWSC	Radius Wall Sconce	36L ¹	36 Mid-Power LED's	3K	3000K	DO	Down only	U	Universal 120/277V	DB	Dark Bronze	PC	Photocontrol ^{6,7}
		72L ²	72 Mid-Power LED's	5K	5000K	UD	Up/Down			WH	White		
										BK	Black		
										PS	Platinum Silver		
										RA	RAL Color ⁴		
										CC	Custom Color ⁵		

Quick Ship:

RWSC36LU5KD0BK
RWSC36LU5KD0WH
RWSC36LU5KD0DB
RWSC36LU5KD0PS
RWSC72L5KUD0WH
RWSC72L5KUD0BK
RWSC72LU5KUDDB
RWSC72LU5KUDPS

Accessories

LG125T	Remote Emergency Inverter (grid mount only) ³
LG125S	Remote Emergency Inverter (surface mount only) ³

¹ 36L Only available in DO distribution

² 72L Only available in UD distribution

³ One remote inverter required to operate every 8 down only or 5 up/down fixtures requiring EM operation

⁴ Must provide RAL color at time of ordering

⁵ Must provide color sample at time of ordering

⁶ PC must be factory installed

⁷ PC available on down only

Web: www.securitylighting.com

2100 Golf Road, Suite 460, Rolling Meadows, IL 60008-4704

Phone: 1-800-LIGHT IT, 1-800-544-4848, Fax: 847-279-0642

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Performance Data

# of LEDs	Drive Current (Milliamps)	System Watts	Distribution Type	5K (5000K nominal, 80 CRI)					3K (3000K nominal, 80 CRI)				
				Lumens	LPW ¹	B	U	G	Lumens	LPW ¹	B	U	G
36	350	14.4	down	1565	108.7	0	0	0	1561	109.1	0	0	0
72	350	25	up/down	2400	96	n/a	n/a	n/a	2391	97.6	n/a	n/a	n/a

¹Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown. Actual performance may differ as a result of end-user environment and application.

Photometric Data

LUMINAIRE DATA

RWSC-36L-5K-DD-U-PS

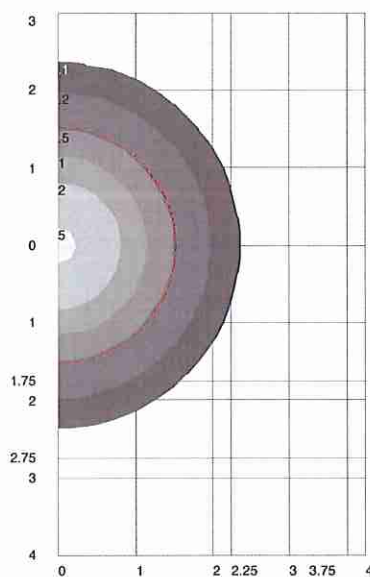
Wall Mounting Outdoor Fixture

DRIVER LED30W-085-C0350

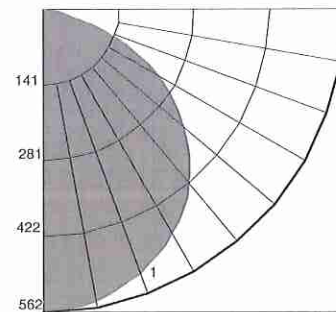
Lamp	LED
Lumens	1565
Watts	14.4
Efficacy	109
Mounting	Wall
Spacing Criterion (0-180)	1.20

ZONE	LUMENS	% FIXT.
Front Low (0-30)	218.6	14.0
Front Medium (30-60)	424.2	27.1
Front High (60-90)	135.5	8.7
Front Very High (90-100)	4.2	0.3
Back Low (0-30)	218.6	14.0
Back Medium (30-60)	424.2	27.1
Back High (60-90)	135.5	8.7
Back Very High (90-100)	4.2	0.3
Uplight Low (90-100)	0.0	0.0
Uplight High (100-180)	0.0	0.0

ISOMETRIC FOOT CANDLES



POLAR GRAPH



LUMINAIRE DATA

RWSC-72L-5K-DD-U-PS

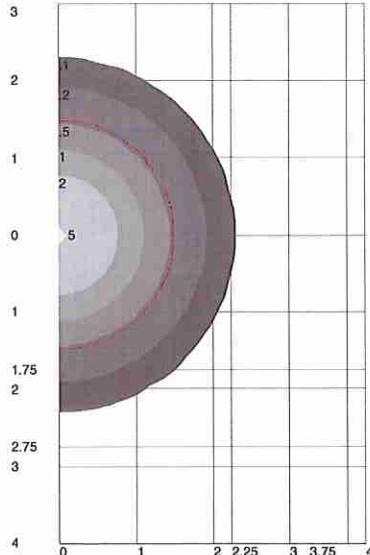
Wall Mounting Outdoor Fixture

DRIVER LED50W-142-C0350

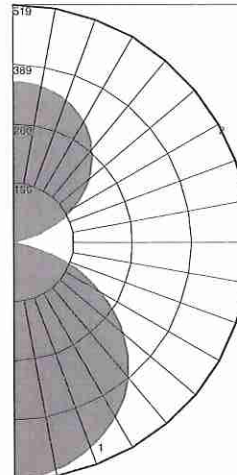
Lamp	LED
Lumens	2400
Watts	25
Efficacy	96
Mounting	Wall
Spacing Criterion (0-180)	1.20

ZONE	LUMENS	% FIXT.
Front Low (0-30)	201.4	8.4
Front Medium (30-60)	387.5	16.1
Front High (60-90)	119.6	5.0
Front Very High (90-100)	3.5	0.1
Back Low (0-30)	201.4	8.4
Back Medium (30-60)	387.5	16.1
Back High (60-90)	119.6	5.0
Back Very High (90-100)	3.5	0.1
Uplight Low (90-100)	5.6	0.2
Uplight High (100-180)	970.7	40.4

ISOMETRIC FOOT CANDLES



POLAR GRAPH





LB6LEDA10L

LED Downlight Module (1038 Lumens)
12W High Efficacy
Wet Location
120V

APPLICATIONS:

LiteBox LED modules are designed for use in new construction as well as retrofit applications with existing Prescolite or competitive 6" housings. Lumen output and distribution comparable to a 75W PAR while consuming only 12 watts. ENERGY STAR® qualified. Can be used to comply with California Title 24 IECC watts per square foot requirements. Suitable for use with continuous room side ambient temperature up to 25°C. Flicker-free dimming to 15% with most standard dimmers. (See Dimming Notes).

LIGHT ENGINE:

High efficacy LED light engine, 3000K, 3500K and 5000K, 90+ CRI, integrated with durable aluminum heat sink for excellent thermal management. System designed for optimal life and lumen maintenance (60,000 hours at 70% lumen maintenance per TM-21).

LENS/REFLECTOR:

All LiteBox LED modules are provided standard with a diffuse optical grade acrylic lens for uniform illumination and superior glare control. Reflector powder coat finish creates aesthetic ceiling appearance and visually comfortable 55° cutoff.

LED DRIVER:

Integral high efficiency LED driver 120V, >0.9 power factor, dimmable to 15% with standard incandescent or electronic low voltage dimmers. (See Dimming Notes for recommended dimmers.) Output over-voltage, over-current, and short circuit protection. Life expectancy of 60,000 hours minimum at recommended ambient temperatures.

INSTALLATION:

For New Construction: Use with Prescolite DBX QuickLink LED housings. QuickLink connector mates directly to housing connector without a screw base adapter for California Title 24 compliance.

For Retrofit: Use in Prescolite or other compatible 6" recessed housings using supplied screw base adapter.

Easy installation with (3) stainless steel spring clips (pre-installed).

CERTIFICATIONS:

UL/cUL Classified for use in Prescolite or other 6" recessed housings including Halo, Juno, and Lithonia. (See page 3 for more details) Suitable for wet locations. ENERGY STAR qualified. Meets California Title 24 with DBXQL

WARRANTY:

5 year warranty
Additional information on page 3
See www.prescolite.com for details.



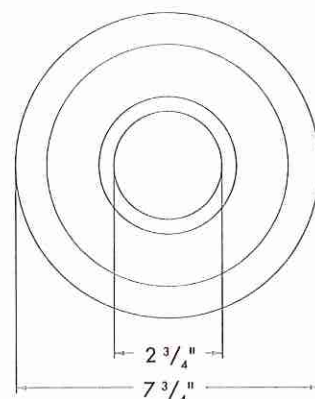
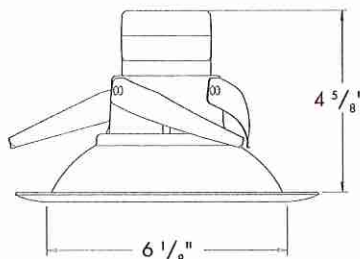
Aperture: Nominal 6"

See Housing Specification Sheet for ceiling cutout requirements

Not to Scale



Wall Wash - LB6LEDA10L35K9WW WH



CATALOG NUMBER

EXAMPLE: LB6LEDA10L30K WH

TRIM	LED COLOR	CRI	TRIM	TRIM COLOR	ACCESSORIES
<input type="checkbox"/> LB6LEDA10L 6" 1000 Lumen Litebox LED Module with dimming to 15% 120V	<input type="checkbox"/> 30K 3000 Kelvin <input type="checkbox"/> 35K 3500 Kelvin <input type="checkbox"/> 50K 5000 Kelvin	<input type="checkbox"/> Blank 80+ CRI <input type="checkbox"/> 9 90+ CRI	<input type="checkbox"/> Blank Open <input type="checkbox"/> WW Wall Wash	<input type="checkbox"/> WH White <input type="checkbox"/> BL Black <input type="checkbox"/> SA Silver Anodized <input type="checkbox"/> GL Gold	<input type="checkbox"/> LiteGear ¹ Inverter, single phase central lighting, 125VA-250VA <input type="checkbox"/> LPS Series ¹ LitePower micro-inverter, 20VA-55VA <input type="checkbox"/> DBXQL IC/Non-IC Airtight housing with supply wire quick connects <input type="checkbox"/> IBXSQL IIC/Non-IC Airtight shallow housing with supply wire quick connects

¹ See Central Inverter compatibility note and web links on page 2.



PHOTOMETRIC DATA

prescolite

LB6LEDA10L

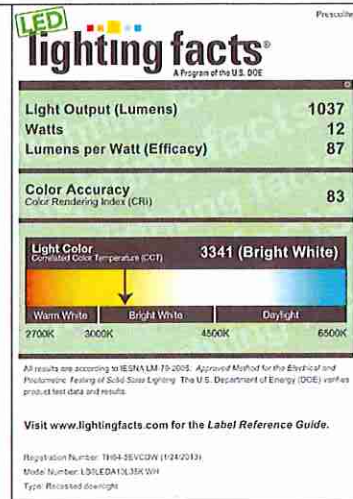
LED Downlight Module (1038 Lumens)

12W High Efficacy

Wet Location

120V

ELECTRICAL DATA	LB6LEDA
Input Voltage	120V
Input Frequency	43-63 Hz
Input Current	0.10A
Input Power	12.0W
Constant Current Output	700mA
Power Factor	>0.90
THD	<20%
EMI Filtering	FCC 47CFR
	Part 15, Class B
Operating Temperature	-30°C to 60°C
Dimming	Yes*
Over-voltage, over-current, short-circuit protected	
*See Dimming Notes for more information	



Central Inverters

For full fixture output in back-up mode, we recommend you visit www.dual-lite.com for your Central Lighting Inverter options. Please contact your local Hubbell representative for any assistance with proper sizing and loading of your inverter selection. Central lighting inverters must be ordered separately.

LifeGear: www.dual-lite.com/products/litegear_lg_series

LPS Series: www.dual-lite.com/products/lps

NOTES

Refer to www.prescolite.com for additional photometric tests (IES Files).

Web: www.securitylighting.com

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Phone: 1-800-LIGHT IT, 1-800-544-4848, Fax: 847-279-0642

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